

1991 Catalog

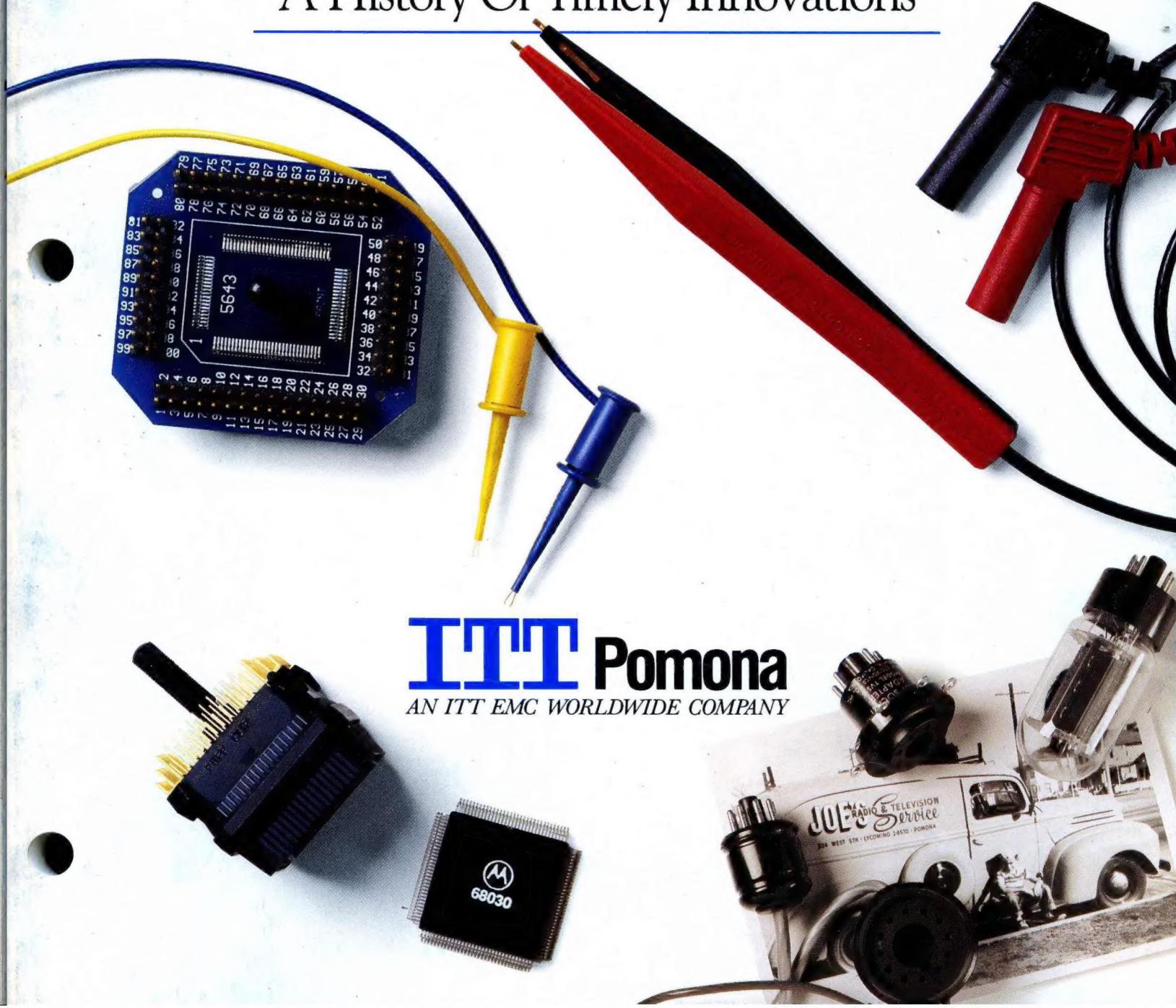
## Electronic Test Accessories

# Pomona

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## A History Of Timely Innovations

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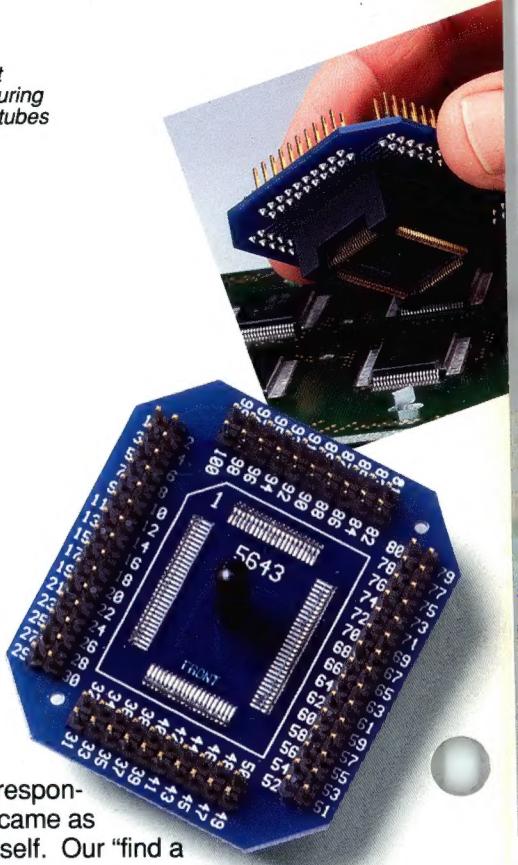
Pomona's TV picture tube socket adapters provided a way to test CRT's with commonly available test equipment. Color-coded interconnections made signal tracing simple.



Circa 1953, TVS Series Tube Socket Adapter solved the problem of measuring voltages on the pins of TV receiving tubes while in circuit.



MS-1 Reverse Polarity Switch mounted directly onto analog meters, eliminated the need to switch meter test leads to obtain correct polarity.



## It Was Innovation Then

Before Pomona Electronics there was Joe's Radio and Television Repair Service. It was an era of exciting innovations, as the electronics industry witnessed many new products. And with them, the needs of better ways to test.

With the pioneering spirit of the early 1950's, Pomona introduced its first product, a CRT test adapter. The first real test accessory had been born. Within a short time, a family of quality, easy-to-use test accessories emerged to answer testing problems. Pomona had become the "technician's friend".

There was something special about all of it. Pomona was looking for a better way to do things, with a particular insistence on quality. As testing became increasingly vital to the new "electronics" industry,

new demands for quality, responsiveness and selection became as important as the product itself. Our "find a way" credo helped the company to grow and diversify.

Throughout this period, test accessories became critical tools for engineers and designers, and technology turned towards miniaturization. Our family of products continued to grow, pacing the ingenuity of electronic invention with the same commitment as when we started. The spirit of the early 1950s had become a tradition. Quality wasn't to be sacrificed. Pomona had become the "engineer's friend" too.



**ITT** Pomona  
AN ITT EMC WORLDWIDE COMPANY



DIP, SOIC, PLCC, PGA,  
LCC, PQFP,  
Clips & Adapters

**IC Test Clips & Adapters** 11-19



Standard Miniature  
Banana, Pin Tip, Plugs,  
Jacks & Binding Posts

**Plugs & Jacks** 20-33



Banana, BNC, TNC,  
UHF, Type N, SMA,  
Phone, Phono, Alligator  
Adapters, Terminators,  
Panel/Bulkhead  
Receptacles  
Tube Test Sockets

**Adapters** 34-50



BNC, TNC, F, N, SMA,  
SMB, SMC, Triaxial,  
Twinaxial Audio  
(EP, XLR) Cabling  
Instructions

**Connectors** 51-59



Thermoplastic  
Phenolic  
Die Cast Aluminum  
Extruded Aluminum  
Connectorized

**Boxes** 60-73



Cable & Cord Selector  
Micrograbber®  
Minigrabber®  
Maxigrabber®  
SMD Grabber  
Minipincer™  
Test Clips & Cords

**Single-Point Test Clips** 74-89



Miniature & Standard  
Banana, Spade Lug,  
BNC, TNC, Pin Tips,  
Alligator, UHF, N, Triax,  
Phone, F, Phone  
Cables & Cords

**Jumpers & Cables** 90-122



Standard, Replaceable,  
Repairable, Tweezer,  
Test Leads &  
Accessories for  
Multimeters &  
Oscilloscopes

**Test Leads & Kits** 123-134



Wrist Band  
Ground Cords  
Accessories

**Static Control Products** 135



Assemblies  
Integral Components  
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# Test Leads You Can Depend On. Now In Convenient Kits

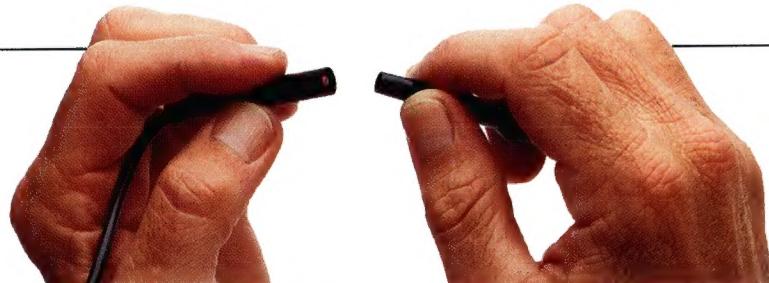
Pomona Electronics provides industry's most complete family of test leads and accessories, now available in a selection of versatile kits. You can choose just the right assortment of test leads and interchangeable test clips or probes to answer your specific needs. Twelve kits in all. All packaged in handy, re-usable Velcro\* sealed nylon pouch or molded plastic case.

You'll find we've done our homework, fitting the right pieces together. And, naturally, we've designed them to be dependable and accurate. Our maxi-kit (shown below) is a good example, the ultimate Test Lead set for the professional who must be ready for anything.

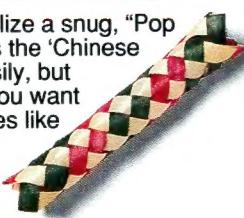
\*Velcro is a Registered Trademark of Velcro USA, Intl.



**Silicone Insulation** A long-life feature on seven Pomona kits, quality silicone insulation has proven more pliable and easier to handle than PVC insulation. Plus, it's almost completely resistant to heat. So, when a hot soldering iron accidentally contacts the lead wire, it doesn't mean it's time to replace the lead.



**Interchangeable Clips & Probes** Five Pomona kits utilize a snug, "Pop Jack" connector that works using much the same principle as the 'Chinese Finger Puzzle'. Developed by Pomona, parts go together easily, but stay put while you're working. Connections are secure until you want to switch among different clips and probes. It's special touches like these that keep us in tight with our customers.



## A Choice of Quality Kits

(see pages 123 - 126)

### Electronic Test Kits

	Kit No.
Maxi-Kit	5677
Deluxe Kit	5674
Multi-Use Kit	5543
Standard Test Kit	5672

### Electrical Test Kits

Heavy-Duty Kit	5673
Medium-Duty Kit	5675

### "Value-Added" Kits

SMD Test Tweezer	5678
Extendable Tip Test Kit	5671
Replaceable Tip Kit	5676
Field Repairable Test Lead Kit	5670
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Pen Meter Test Lead Kit	5679

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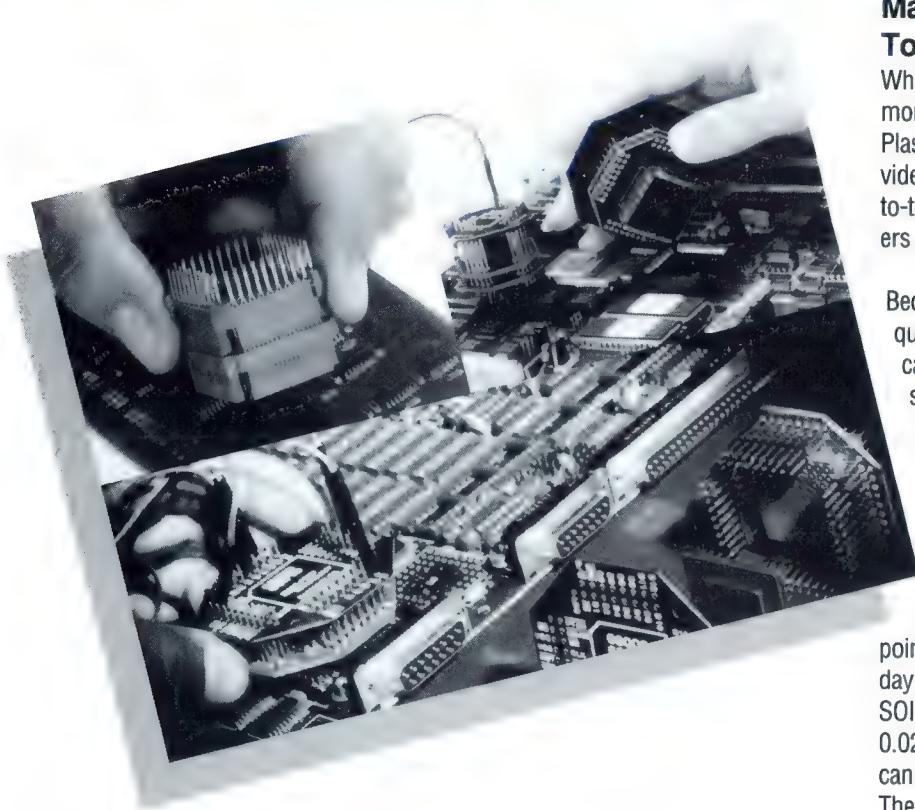
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# POMONA

## Pomona Surface Mount Device Test Accessories, IC Clips & Adapters.



### Make Testing Easier For Tomorrow's Hottest Industry.

Whether you're troubleshooting today's most common IC packages, or seeking to test the newest Plastic Quad Flat Pack (PQFP) devices, Pomona provides the answers to accessing otherwise impossible-to-test, high-density IC leads. 73 IC clips and adapters are offered in styles to meet your needs.

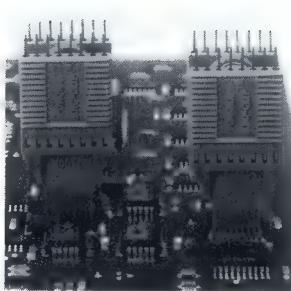
Because all DIP and other IC clip and adapter requirements are not the same, Pomona provides a carefully chosen selection of devices to fit your specific application. Nickel silver contacts for low cost, or gold plating for low contact resistance.

Pomona IC Clips fit over board mounted ICs. "Pin Breakouts" fit between the IC and the socket. "Socket Interfaces" fit in place of the IC, directly in the socket.

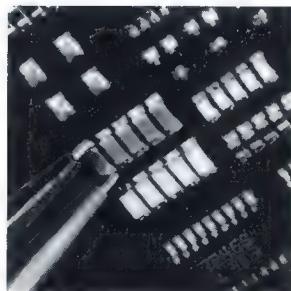
For ICs too small for alligators or most single point clips, Pomona offers solutions for testing today's most common 0.050" pin spacing packages; SOIC, PLCC and LCC. For even higher densities of 0.025" (nominal) spacing, where no single point clip can fit, Pomona introduces clips for PQFP packages. There's also a host of helpful Pomona test accessories to compliment the increasing demands for dependable IC testing.



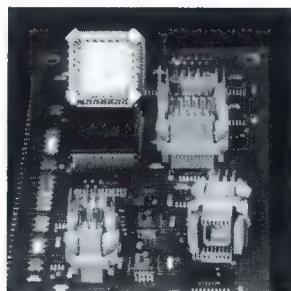
**SMD Dog-Leg Microtip Test Probe** included in Kit No. 5676 provides a needle point tip for contact with circuit pads. The sharp but flexible tip stays in place for reliable contact during test.



**SOIC Clip™** adapters feature insulating barrier between each gold plated beryllium copper contact to prevent shorting. Upper contacts are 0.025" square gold plated phosphor bronze pins on 0.100" centers. (See Chart for model selection)



**SMD Test Tweezers** (Models 5142, 5143 & 5678) provide simple yet accurate method to test devices. Each tweezer tip contains a gold plated beryllium copper contact. Model 5142 -with BNC male connector Model 5143 -with 2 standard stacking banana plugs Model 5678 -with 2 sleeved banana plugs



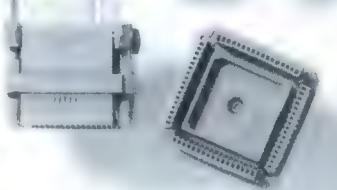
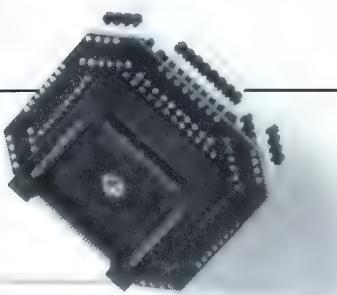
**PLCC Quad Clip®** adapter uses a "snap ring" to securely lock onto Plastic Leaded Chip Carrier (PLCC) body. Six models available from 20 to 84 pin styles. Gold plated beryllium copper contacts. Upper dual row of pins at 0.100" centers for easy testing access. (See chart for model selection)

POMONA

# IC Test Clips & Adapters

## HOW TO SELECT THE RIGHT IC CLIP OR ADAPTER

Simply match the device style and pin configuration to be tested, then select the Pomona part number suited to your testing and material specifications (see table footnotes for keyed materials).

Clips for Board Mounted IC's			
Package	No. of Pins	Model No.	
<b>DIP</b> Dual In-Line Package (.100 Pin Spacing, Thru Hole)	8 14 16 20 24 40	5108 <sup>1</sup> , 5208 <sup>2</sup> , 5649 <sup>5</sup> 5014 <sup>3</sup> , 5114 <sup>4</sup> , 5214 <sup>1</sup> , 5314 <sup>2</sup> , 5650 <sup>5</sup> 3916A <sup>3</sup> , 4236A <sup>4</sup> , 5116 <sup>1</sup> , 5216 <sup>2</sup> , 5692 <sup>5</sup> 5120 <sup>1</sup> , 5220 <sup>2</sup> , 5693 <sup>5</sup> 4124A <sup>3</sup> , 4324A <sup>4</sup> , 5124 <sup>1</sup> , 5224 <sup>2</sup> , 5694 <sup>5</sup> 4140A <sup>3</sup> , 4340A <sup>4</sup> , 5140 <sup>1</sup> , 5240 <sup>2</sup> , 5695 <sup>5</sup>	
<b>SOIC</b> Small Outline IC (.050 Pin Spacing, Surface Mnt)	8 14 16 20 24 28	5250 5251, 5413 <sup>6</sup> 5252 5253 5254 5437	
<b>PLCC</b> Plastic Leaded Chip Carrier (.050 Pin Spacing, Surface Mnt)	20 28 32 44 52 68 84	5279 5280 5733 5281 5312 5401 5402	
<b>PGA</b> Pin Grid Array (.100 Pin Spacing, Grid Thru Hole)			
<b>LCC</b> Leadless Chip Carrier (.050 Pin Spacing)			
<b>PQFP</b> Plastic Quad Flat Pack (.025 to .0315 Pin Spacing)	EIAJ 80 (20X20) 100 (20X30) 120 (30X30) 160 (40X40)  JEDEC 100 (25X25) 132 (33X33)	5751 5643 5644 5645  5713 5711	

<sup>1</sup>Gold Plated Beryllium Copper

<sup>2</sup>High Density, Gold Plated Beryllium Copper

<sup>3</sup>Spring Tempered Nickel Silver

<sup>4</sup>High Density, Spring Tempered Nickel Silver

<sup>5</sup>Oxide Penetrating

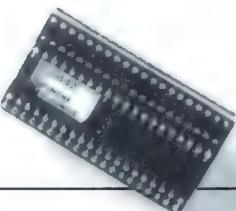
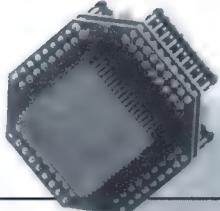
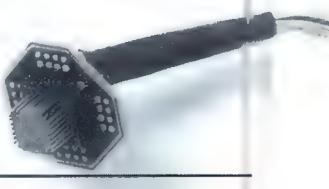
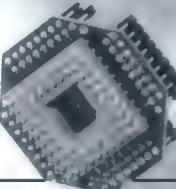
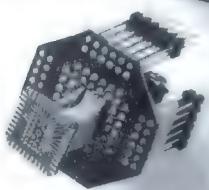
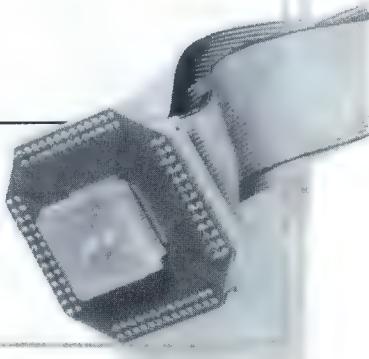
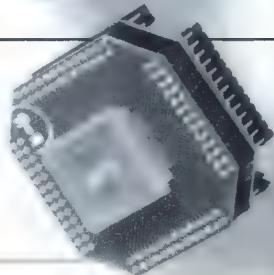
<sup>6</sup>Snap Ring Design

<sup>7</sup>Amp Socket

<sup>8</sup>3M Socket

# Selector Guide

## ADAPTERS FOR SOCKET MOUNTED IC'S

Pin Breakout			Socket Interface		
No. of Pins	Model No.		No. of Pins	Model No.	
40 48 64	5442 5443 5444				
20 28 44 52 68 84	5450 5451 5452 5453 5454 5455		20 28 44 52 68 84	5660 5661 5662 5663 5664 5665	
68 (10X10) 68 (11X11) 120 (13X13) 128 (13X13) 132 (14X14)	5461 5458 5468 5508 5486				
44 68 84	5445 5447 5448				
JEDEC 100 <sup>7</sup> 100 <sup>8</sup> 132 <sup>7</sup> 132 <sup>8</sup>	5656 5657 5658 5659		JEDEC 100 <sup>7</sup> 100 <sup>8</sup> 132 <sup>7</sup> 132 <sup>8</sup>	5668 5666 5669 5667	

# POMONA

## DIP CLIPS

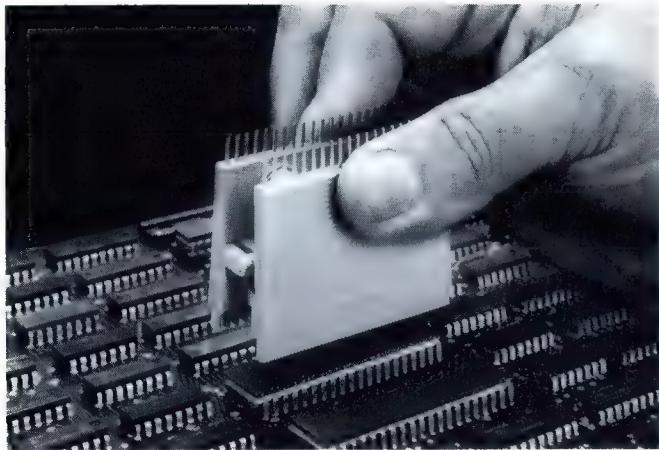
### DIP CLIPS

Pomona Electronics' Dip Clips are designed especially for testing dual-in-line IC packages on high-density PC boards. The Dip Clip has many built-in features that assure a positive electrical connection and at the same time provide hands-free testing. The high density Dip Clips are used for ultra-dense packaged chips located adjacent to each other on 2.54 (.100) spacing.

**MATERIAL:** Contact, tarnish resistant nickel, silver or gold plated beryllium copper. Stainless steel hinge pin and spring.

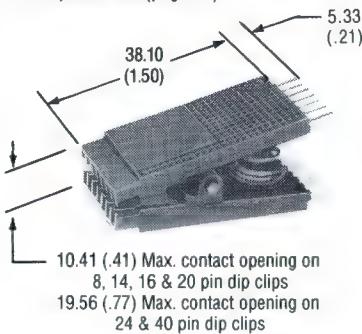
**INSULATION:** Glass filled nylon, blue.

**RATING:** 500 VRMS, 1 Amp, +102°C. (+216°F.) Max.



### FEATURES

- Contacts 1.02 (.040) wide on lower end are serrated for good electrical connection.
- 0.64 (.025) x 0.71 (.028) square serrated test points on upper end will accept wire wraps or mini test clips.
- Molded barrier between each contact allows connections to be made on live boards without accidental shorting of adjacent contacts.
- Can be used as an insertion and removal tool for DIPs.
- Accepts IC Jumper Cables (page 15).



**STANDARD**  
(5014 Shown)

No. of Pins	Type		Contact Material	LIST
	Standard	High Density		
8	5108	5208	Gold Plated Beryllium Copper	7.45
14	5014	5114	Spring Tempered Nickel Silver	7.15
	5214	5314	Gold Plated Beryllium Copper	9.15
16	3916A	4236A	Spring Tempered Nickel Silver	6.40
	5116	5216	Gold Plated Beryllium Copper	9.10
20	5120	5220	Gold Plated Beryllium Copper	10.85
24	4124A	4324A	Spring Tempered Nickel Silver	14.10
	5124	5224	Gold Plated Beryllium Copper	18.25
40	4140A	4340A	Spring Tempered Nickel Silver	20.60
	5140	5240	Gold Plated Beryllium Copper	25.10

See pg. 19 for DIP Socket Test Adapters.

	X Min.	Y Min.	Z Min.
Single Chip Testing Standard	3.30 (.130)	1.91 (.075)	1.02 (.040)
Single Chip Testing High Density	2.67 (.105)	1.27 (.050)	1.02 (.040)
Adjacent	7.62 (.300)	5.72 (.225)	2.03 (.080)

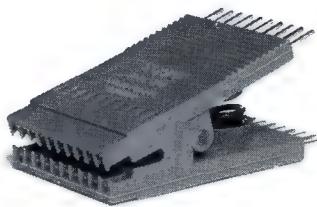
### OXIDE PENETRATING DIP CLIPS

For use with DIP IC's exposed to contaminating environments. Same features as Pomona's Standard line of Dip Clip Test Adapters, but with the additional benefit of a roughened stainless steel surface coating on the contacts.

**MATERIAL:** Contact, tarnish resistant nickel or gold plated beryllium copper. Stainless steel hinge pin and spring.

**INSULATION:** Glass filled nylon, gray.

**RATING:** 500 VRMS, 1 Amp, 102°C. (+216°F.) Max.



MODEL	No. of Pins	LIST
5649	8	11.20
5650	14	10.80
5692	16	9.70
5693	20	16.30
5694	24	21.20
5695	40	31.00

# POMONA

## DIP ACCESSORIES

### DIP JUMPER CABLE (CONNECTORS, ONE END ONLY)

**1ST END:** Two IC Sockets, phosphor bronze, gold plated. Insulation, Noryl, black.

**WIRE:** 26 AWG, 7X34, multi-conductor flat ribbon cable.

**2ND END:** None.

**RATING:** +93°C. (+200°F.) Max.  
Used on DIP Clips and SOIC Clips.



(Dip Clip not included.)

MODEL	Conductors	Used On	LIST
5578	8	5108, 5208, 5250	8.00
5579	14	5014, 5114, 5214, 5251, 5314	9.00
5580	16	3916A, 4236A, 4566, 5116, 5216, 5252	10.00
5581	20	5120, 5220, 5253	12.50
5582	24	4124A, 4324A, 5124, 5224, 5254	15.00
5583	28	5437	17.50
5584	40	4140A, 4340A, 5140, 5240	21.00

### ANTISTATIC DIP REMOVER

The dip remover is an excellent tool for the removal of dual in-line IC chips. With this tool, accidental bending of the contacts is at a minimum.

**MATERIAL:** Antistatic Noryl, black.

**RATING:** Heat distortion temperature @ 265 psi, +93°C. (+200°F.) Max. For I.C. DIP's 7.62 mm (.300) wide.



41.15  
(1.62)

MODEL	LIST
4904	1.70

### 14/16 PIN DUAL IN-LINE TEST CLIP WITH ATTACHED HEADER

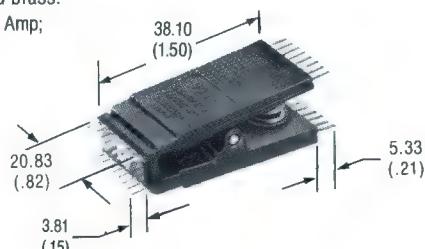
The DIP Clip with attached header is an excellent tool for plugging into 14/16 pin IC sockets to test circuits. You can either solder wires directly to the top pins of the DIP Clip or more conveniently, attach Pomona's IC Jumper Cable, Model 5580.

**UPPER:** Contacts, solid nickel silver.

**INSULATION:** Glass filled nylon, red.

**LOWER:** Pins, gold plated brass.

**RATING:** 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.



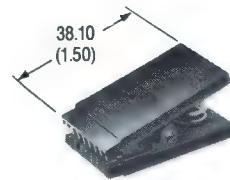
MODEL	LIST
4566	17.60

### STATIC CONTROL DIP REMOVERS

These DIP Removers are built of special plastic that not only has the strength to pull the most stubborn DIP, but actually prevents electrostatic buildup. The surface resistivity controls surface charges and protects even the most sensitive of electronic circuits. This excellent design also minimizes accidental bending of contacts.

**MATERIAL:** Antistatic Noryl, black.

**TEMPERATURE:** Heat distortion temperature @ 265 psi greater than +93°C. (+200°F.)



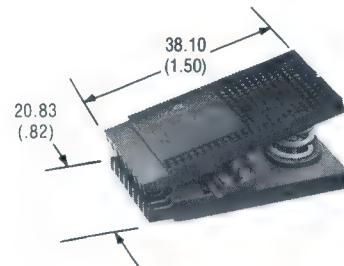
MODEL	SIZE	REMOTES DIPS	ACCEPTS DIPS	LIST
5016	16	8-20 Pins	To 8.89(.35)	5.50
5024	24	22-36 Pins	To 16.51 (.65)	6.05
5040	40	40-60 Pins	To 16.51 (.65)	7.05

### 14/16 PIN DUAL IN-LINE DIP REMOVER

The DIP remover is an excellent tool for the removal of 14/16 pin dual in-line IC chips. With this tool, accidental bending of the contacts is at a minimum.

**INSULATION:** Glass filled nylon, red.

**RATING:** +102°C. (+216°F.) Max.



MODEL	LIST
4386	5.50

### DIP GRIP® ACCESSORY

Pomona Electronics DIP Grip is designed especially for testing single contacts on Dual-In-Line Package (DIP) Integrated Circuits on 2.54 (.100) spacing. The DIP Grip assures positive electrical contact on one leg of the Dip across its 7.62 (.300) width and provides hands-free testing. Contact 1.02 (.040) wide on lower end is serrated for good electrical connection. 0.64 (.025) x 0.71 (.028) square serrated test point on upper end will accept square pin receptacle patch cords.

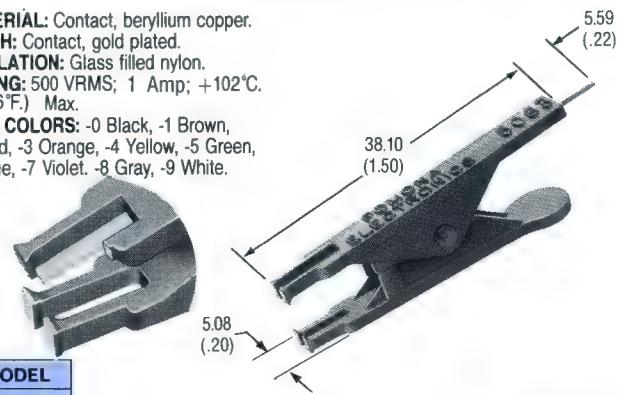
**MATERIAL:** Contact, beryllium copper.

**FINISH:** Contact, gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.

**STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	LIST
5083-*	3.90

# POMONA

## SMD CLIPS

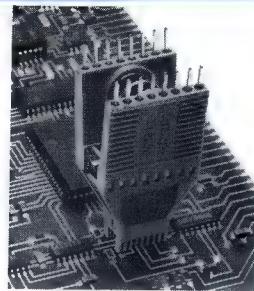
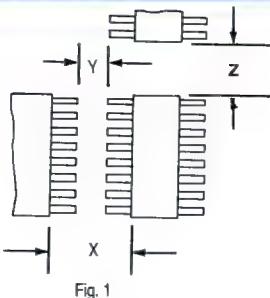
### SOIC CLIP® TEST CLIP

These test clips are designed especially for testing Small Outline Integrated Circuits (SOIC and SOJ). The SOIC Clip™ Test Adapter assures a positive connection and provides hands-free testing.

#### FEATURES

- 0.64mm (.025) × 0.71mm (.028) square access pins on upper end permit either individual pin testing or the use of 2.54mm (.100) spaced connectors.
- Molded barrier between each contact allows connections to be made on live boards without accidental shorting of adjacent contacts.
- Can be used with Jumper Cables (page 15).

.50 inch pitch



### SOIC CLIP® TEST CLIP

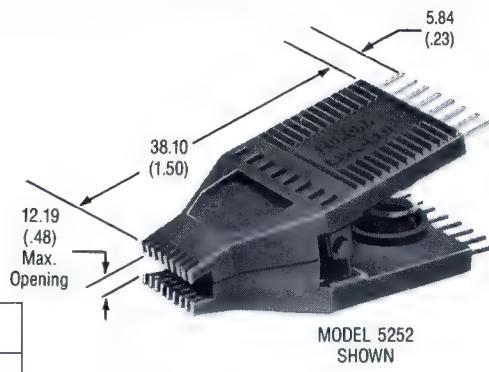
These test clips have a spring design similar to our Dip Clip™ test adapters. The clip design allows testing of wide or narrow body chips and smaller sizes of PLCC.

**UPPER:** 0.64mm (.025) × 0.71mm (.028) Square Pins. Gold plated phosphor bronze.

**INSULATION:** Glass filled nylon, blue.

**LOWER:** Contacts. Gold plated beryllium copper.

**RATING:** 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.



MODEL	No. of Pins	LIST
5250	8	8.00
5251	14	8.75
5252	16	9.50
5253	20	10.95
5254	24	15.95
5437	28	19.50

	X Min.	Y Min.
Single Chip Testing	4.06 (.160)	1.52 (.060)
Narrow Body (Adjacent)	15.24 (.600)	12.70 (.500)
Wide Body (Adjacent)	8.51 (.335)	5.97 (.235)

### SOIC CLIP® KIT

Kit contains one each: 8 Pin, 14 Pin, 16 Pin, 20 Pin, 24 Pin and 28 Pin SOIC Clip Test clips (shown above).



MODEL
5514

LIST 65.50

### SNAP RING SOIC CLIP® 14 PIN TEST CLIP

This clip utilizes the "snap-ring" design as used in our Quad Clip™ test clips for a more secure fit. Smaller clip allows testing of devices on high density boards.

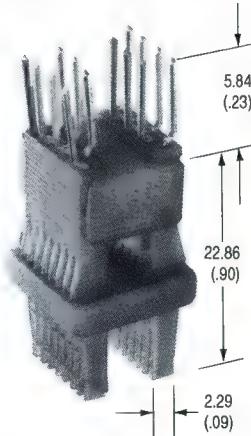
**UPPER:** 0.64mm (.025) × 0.71mm (.028) Square Pins with double row 2.54mm (.100) spacing. Gold plated phosphor bronze.

**INSULATION:** Glass filled nylon, blue.

**LOWER:** Contacts. Gold plated phosphor bronze.

**RATING:** 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.

See Fig. 1



MODEL
5413

LIST 9.25

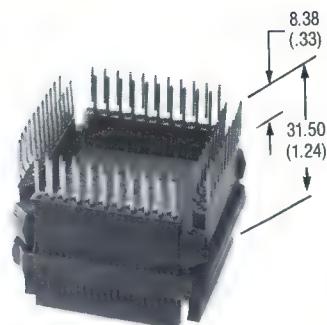
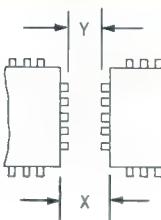
# POMONA

## PLCC CLIPS

### PLCC QUAD CLIP® TEST ADAPTERS

Pat. No. 4541676

These test adapters are designed for testing surface mounted Plastic Leaded Chip Carriers (PCC or PLCC) with "J" Leads (JEDEC MO-047 & MO-052). A "Snap-ring" design allows the Quad Clip to fit directly onto IC, providing hands-free testing. **UPPER:** .64 (.025) Square Pins, staggered on 2.54 (.100) centers. Phosphor bronze, gold plated. **INSULATION:** Glass filled nylon, gray. **LOWER:** Contacts. Beryllium copper, gold plated. **RATING:** 500 VRMS, 1 Amp, +102°C. (+216°F.) Max.



**NEW**

MODEL	No. of Pins	Pins p/Side	Pitch	LIST
5279	20	5 X 5		19.50
5280	28	7 X 7		31.90
5733	32	7 X 9		33.50
5281	44	11 X 11	12.7(.50)	37.50
5312	52	13 X 13		43.50
5401	68	17 X 17		49.50
5402	84	21 X 21		59.50

	X Min.	Y Min.
Single Chip Testing	3.05 (.120)	2.79 (.110)
Adjacent Testing	8.26 (.325)	7.24 (.285)

### PLCC QUAD® CLIP KIT

Kit contains one each: 20 Pin, 28 Pin, 32 Pin, 44 Pin, 52 Pin, 68 Pin and 84 Pin PLCC Clips.



**NEW**

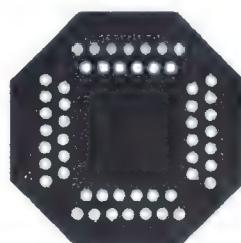
MODEL
5515A

LIST 245.00

### PLCC QUAD® CLIP TEMPLATE

These simple-to-install templates are used with Quad Clip Test Adapters to identify pin locations. They are printed on each side to correspond to both conventional pin numbering systems.

MODEL	No. of Pins
5549	20
5550	28
5747	32
5551	44
5552	52
5553	68
5554	84



LIST 2.50

### PLCC QUAD AND SOIC CLIP FLYING LEADS

Use these leads to quickly and easily interconnect from PLCC and SOIC clips to .79 (.031) sockets found in Logic Analyzers and Emulator Pods. Leads have .64 (.025) socket one end to .79 (.031) pin. Kit contains 5 leads.



**NEW**

MODEL
5746

**1ST END:** .64 (.025) Socket. Gold plated beryllium copper.  
**WIRE:** 26 AWG, 19 x 38 t.c., polyvinyl insulation.

**2ND END:** .79 (.031) Dia. Pin. Gold plated brass.  
**\* STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

LIST 18.00

# POMONA

## IC TEST CLIPS

### JEDEC QFP (Quad Flat Pack) CLIP

These adapters are specifically designed to allow testing of surface mounted JEDEC plastic or ceramic Quad Flat Packs (See figures). Their special "Locking" features insure positive electrical interconnection while providing a solid mechanical connection in either the vertical or horizontal plane. The mechanism locks to the body of the IC avoiding damage to the leads.

Consult figs. A & B to identify the type of Quad Flat Pack (QFP) you have. Additional connection schemes for mass termination are available. Please contact the factory.

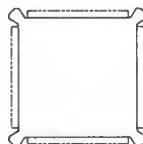
#### TYPICAL INTERFACE:

5711 Motorola 68020, 68030  
5713 Intel 386SX

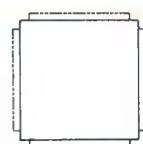
**CONTACTS:** Selectively gold plated beryllium copper.

**INSULATION:** Liquid crystal polymer and Nylon, black.

**RATING:** 250 VRMS Max., 1 Amp Max., +110°C. (+230°F.) Max.



PQFP (MO-069)  
FIG. A



CQFP (MO-082)  
FIG. B



### JEDEC QFP CLIP FLYING LEADS

Use these leads to quickly and easily interconnect from JEDEC QFP clips to sockets found in Logic Analyzers and Emulator Pods. Leads have .30 x .56 (.012 x .022) socket one end to .79 (.031) pin. Kit contains 25 leads.



MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5713	100	25 x 25	0.64 (.025)	200.00
5711	132	33 x 33		225.00

**1ST END:** .30 x .56 (.012 x .022) Socket.  
Gold plated beryllium copper.  
**WIRE:** 26 AWG, 19 x 38 t.c., polyvinyl insulation.

**2ND END:** .79 (.031) Pin. Gold plated brass.  
**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange,  
-4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

**LIST 35.00**

### 100 PIN JEDEC QFP ( Quad Flat Pack) CLIP KIT

This kit includes one 100 pin JEDEC QFP Clip (Model 5713) and 100 JEDEC flying leads in ten assorted colors. Clip fits Intel 386SX chip package.



MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5764	100	25 x 25	0.64 (.025)	250.00

**LIST 250.00**

### 132 PIN JEDEC QFP ( Quad Flat Pack) CLIP KIT

This kit includes one 132 pin JEDEC QFP Clip (Model 5711) and 150 flying leads in ten assorted colors. Clip fits Motorola 68020 and 68030 chip packages.



MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5765	132	33 x 33	0.64 (.025)	300.00

**LIST 300.00**

### EIAJ PQFP (Plastic Quad Flat Pack) CLIP

Patent Pending

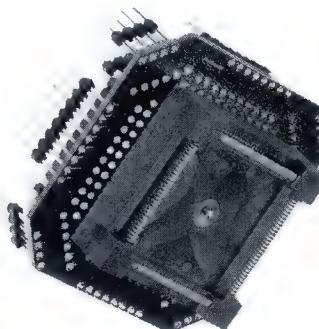
These test adapters are designed specifically for testing EIAJ Plastic Quad Flat Pack (PQFP) surface mounted IC's. "Press-on" design allows user to handle the Japanese 0.65mm and 0.80mm pitch gullwing lead PQFP's by fitting test adapters directly onto IC's.

**CONTACTS:** 0.30 (.012) Square pins, beryllium copper, gold plated.

**INSULATION:** Liquid crystal polymer, Vectra A-130, black.

**RATING:** 250 VRMS, 5 Amps, +110°C. (+230°F.) Max.

MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5751	80	20 x 20	0.80mm	280.00
5643	100	20 x 30	0.65mm	317.00
5644	120	30 x 30	0.80mm	353.00
5645	160	40 x 40	0.65mm	425.00



# POMONA

## IC SOCKET ADAPTERS

### PLCC PIN BREAKOUT

Use these test adapters to test socket mounted PLCC's. The PLCC test adapter is placed between the socket and the PLCC. 0.64 (.025) square pins allow easy access testing for all legs of the PLCC. An overlay template provides easy pin identification. Other sizes are available as custom products.

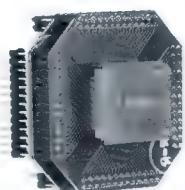


MODEL	No. of Pins	LIST
5450	20	160.00
5451	28	185.00
5452	44	230.00
5453	52	240.00
5454	68	260.00
5455	84	290.00

### PQFP (Plastic Quad Flat Pack) PIN BREAKOUT

Use these test adapters to test socket mounted PQFP's. The PQFP test adapter is placed between the socket and the PQFP. 0.64 (.025) square pins allow easy access testing for all legs of the PQFP. An overlay template provides easy pin identification. Other sizes are available as custom products.

For 3M/Textool or Amp socket types.



MODEL	No. of Pins	Socket	LIST
5656	100	Amp	490.00
5657	100	3M	490.00
5658	132	Amp	635.00
5659	132	3M	635.00

### LCC PIN BREAKOUT

Test socket mounted LCC's by placing the adapter between the socket and the LCC. The 0.64 (.025) square pins on 2.54 (.100) centers serve as test points for each leg of the LCC. Other sizes are available as custom products.



MODEL	No. of Pins	LIST
5445	44	195.00
5447	68	280.00
5448	84	290.00

### PQFP (Plastic Quad Flat Pack) SOCKET INTERFACE

These PQFP cabled socket interfaces provide direct access to PC boards. Four 28 AWG ribbon cables, 18 inches long, allow you to create your own end connection for automated or user specified testing.

For 3M/Textool or Amp socket types.



### DIP SOCKET PIN BREAKOUT

These test adapters provide a fast and efficient way to troubleshoot circuits that use socket mounted DIP's. Simply place the adapter between the socket and the DIP. 0.64 (.025) square pins on 2.54 (.100) centers provide access to DIP legs. Other sizes are available as custom products.



MODEL	No. of Pins	LIST
5442	40	40.00
5443	48	47.00
5444	64	60.00

### PIN GRID ARRAY PIN BREAKOUT

Test socket mounted PGA's with these adapters. The adapter is placed between the IC and the socket. The 0.64 (.025) square pins, spaced in a matrix of 2.54 (.100) make each leg of the PGA accessible. Other sizes are available as custom products.



MODEL	Foot Print	No. of Pins	LIST
5461	10 x 10	68	103.00
5458	11 x 11	68	103.00
5468	13 x 13	120	215.00
5508	13 x 13	128	230.00
5486	14 x 14	132	225.00

### PLCC SOCKET INTERFACE

These PLCC cabled socket interfaces provide direct access to PC boards. Four 28 AWG ribbon cables, 18 inches long, allow you to create your own end connection for automated or user specified testing.



MODEL	No. of Pins	LIST
5660	20	54.00
5661	28	59.00
5662	44	74.00
5663	52	105.00
5664	68	100.00
5665	84	165.00



### PQFP (Plastic Quad Flat Pack) SOCKET INTERFACE

These PQFP cabled socket interfaces provide direct access to PC boards. Four 28 AWG ribbon cables, 18 inches long, allow you to create your own end connection for automated or user specified testing.

For 3M/Textool or Amp socket types.

MODEL	No. of Pins	Socket	LIST
5668	100	Amp	385.00
5666	100	3M	385.00
5669	132	Amp	500.00
5667	132	3M	500.00

# POMONA

## STANDARD BANANA PLUGS

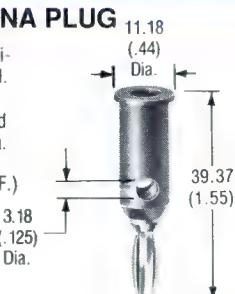
### SOLDERLESS STACKUP BANANA PLUG

Wire firmly held in place with internal setscrew, eliminating soldering. Assembly of test leads simplified.

**UPPER:** Banana Jack, 4.22 (.166) dia., brass.

**LOWER:** Banana Plug. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max. (Model 5230, +150°C. (+302°F.) Max.)



(\*\*Pkg. Ten Per Color)

MODEL	FINISH	INSULATION	*STD COLORS:	LIST
1325-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.10 EA.**
5406-*	Gold plated	ABS	-0 Black, -2 Red	2.25
5230-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.45 EA.**

### DO-IT-YOURSELF IN-LINE SHEATHED BANANA PLUG

This sheathed in-line banana plug provides protection from accidental shorting when dropped. A plastic tip on the banana plug offers further protection. A threaded, two piece design allows wire to be crimped or soldered to banana plug. This plug fits models 4922, 4921, 4934 & 4987.

**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

**FINISH:** Nickel plated.

**INSULATION:** Nylon.

**RATING (Independent of Wire):** 1200 V AC/DC, 15 Amps, +80°C. (+176°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

MODEL	Accepts wire AWG	Wire access hole
4933-*	22, 20, 18	4.04 (.159) Dia.
4986-*	16, 14	5.08 (.200) Dia.



(unassembled) LIST 2.75

### DO-IT-YOURSELF IN-LINE BANANA PLUG WITH FLEXIBLE BOOT

This in-line banana plug is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the banana plug.

**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

**FINISH:** Nickel plated.

**INSULATION:** Flexible PVC.

**RATING (Independent of Wire):** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

\*\*Max. wire dia. 3.94 (.155)

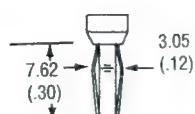
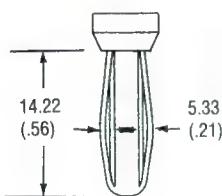
MODEL	Accepts wire AWG**
5169-*	22, 20, 18
5170-*	16, 14

(unassembled)



LIST 1.90

### STANDARD / MINIATURE BANANA PLUG



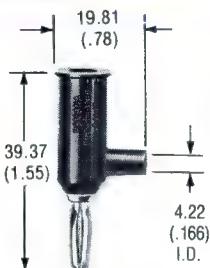
### SOLDERLESS STACKUP BANANA PLUG WITH SAFETY COLLAR

Features integral safety collar that insulates exposed wire leads. Wire firmly held in place with internal setscrew, eliminates soldering, simplifies assembly of test leads

**UPPER:** Banana Jack, 4.22 (.166) dia., brass.

**LOWER:** Banana Plug. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max., (Model 4899, +150°C. (+302°F.) Max.)



(\*\*Pkg. Ten Per Color)

MODEL	FINISH	INSULATION	*STD COLORS:	LIST
1825-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.10 EA.**
4897-*	Gold plated	ABS	-0 Black, -2 Red	2.25
4899-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.40 EA.**

### DO-IT-YOURSELF IN-LINE SHEATHED BANANA JACK

This sheathed in-line banana jack provides protection from accidental shorting when dropped. It will also accept any standard banana plug. A threaded, two piece design allows wire to be crimped or soldered to banana plug. This plug fits models 4912, 4913, 4933 & 4986.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**INSULATION:** Nylon.

**RATING (Independent of Wire):** 1200 V AC/DC, 15 Amps, +80°C. (+176°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



(unassembled) LIST 2.85

### DO-IT-YOURSELF IN-LINE BANANA JACK WITH FLEXIBLE BOOT

This in-line banana jack is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the banana jack.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**INSULATION:** Flexible PVC.

**RATING (Independent of Wire):** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

\*\*Max. wire dia. 3.94 (.155)

MODEL	Accepts wire AWG**	LIST
5167-*	22, 20, 18	1.50
5168-*	16, 14	1.85



(unassembled)

### DO-IT-YOURSELF LOW COST BANANA PLUG

Do-it-yourself banana plug accepts 3.66 (.144) O.D. max. wire insulation.

Banana Plug is also sold on a patch cord Model 5730, pg. 90.

**MATERIAL:** Beryllium copper, nickel plated.

**INSULATION:** Nylon.

**RATING:** 1200 V AC DC, 15 Amps, +50°C.

(+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

MODEL	LIST
5750-*	.85



# POMONA

## STANDARD BANANA PLUGS

### RIVET TYPE BANANA PLUG WITH TURRET

Excellent for riveting to panels or boards. Solder turrent for rapid attachment of wires.

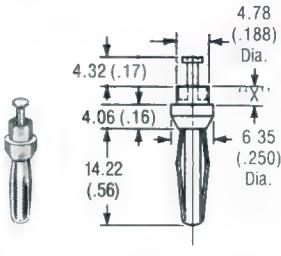
**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**RATING:** 5000 WVDC, 15 Amps.

Swage tool information furnished on request.

MODEL	"X" Dim.	Panel
3260	2.67 (.105)	1.57 (.062)
3261	3.43 (.135)	2.37 (.093)



LIST 1.05 EA.  
(Ten Per Pkg.)

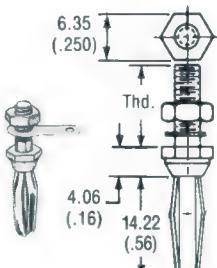
### BANANA PLUG WITH THREADED STUD

Threaded stud for rapid mounting. Furnished with hex nut and tin plated solder lug.

**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**RATING:** 5000 WVDC, 15 Amps.



MODEL	Thread	LIST
3263	6-32x12.7 (.50)	1.20 EA.
3264	8-32x12.7 (.50)	1.20 EA.
4511	6-32x15.9 (.63)	1.25 EA.
4512	8-32x15.9 (.63)	1.35 EA.

(Ten Per Pkg. unassembled)

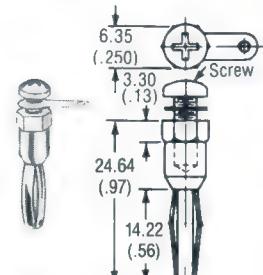
### BANANA PLUG WITH SCREW

Mounts to various size panels. Furnished with screw and tin plated solder lug.

**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**RATING:** 5000 WVDC, 15 Amps.



LIST 1.40 EA.  
(Ten Per Pkg.)

### RIVET TYPE BANANA PLUG

Excellent for riveting to panels or boards.

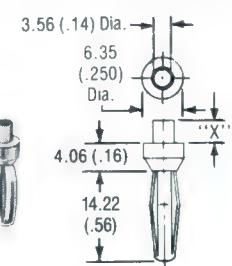
**MATERIAL:** Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**RATING:** 5000 WVDC, 15 Amps.

Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3257	2.39 (.094)	1.57 (.062)	1.10 EA.
3258	3.18 (.125)	3.27 (.093)	1.00 EA.



(Ten Per Pkg.)

### SETSCREW

8-32 X 5.33 (.210) headless, slotted steel, zinc plated setscrew.

Fits models MDP, 1325, 1330, 1825, 1858, 2970, 4892, 4897, 4898, 4899, 4966, 5230 and 5406.



LIST 11.50 PKG.  
(100 Per Pkg.)

MODEL
4914

### DOUBLE BANANA PLUG SHORTING BAR

**MATERIAL:** Bar and banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**RATING:** 15 Amps, +125°C. (+257°F.) Max., resistance less than 1.5 milliohms.



MODEL

1855

LIST 3.40

### ENCAPSULATED DOUBLE BANANA PLUG SHORTING BAR

Low profile, completely insulated shorting bar. Insulation has finger ridge for ease of insertion and removal.

**MATERIAL:** Bar and banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**INSULATION:** ABS, Clear.

**RATING:** 15 Amps, +50°C. (+122°F.) Max., resistance less than 1.5 milliohms.



MODEL

5145

LIST 4.50

### ENCAPSULATED DOUBLE BANANA PLUG SHORTING BAR WITH BINDING POST

Shorting bar is completely encapsulated in clear ABS thermoplastic.

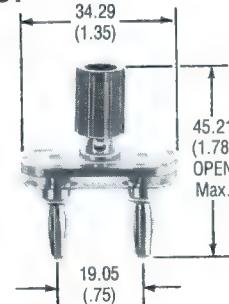
**MATERIAL:** Binding post, thumb nut, shorting bar and banana plug bodies, brass. Spring, one piece heat treated beryllium copper. Banana plugs fit standard 4.22mm (.166) dia. banana jack.

**FINISH:** Nickel plated.

**INSULATION:** Binding post, polycarbonate. Shorting bar, ABS, clear.

**RATING:** 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max. Resistance less than 1.5 Milliohms.

**BINDING POST COLOR:** -0 Black, -2 Red.



MODEL

5165-\*

LIST 7.50

### TRIPLE BANANA PLUG

Setscrews secure leads. Ideal for balanced line 2 conductor shielded cable assemblies.

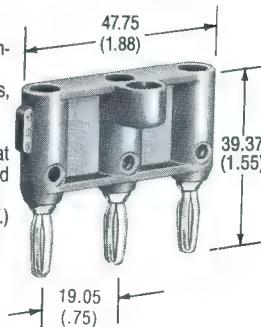
**UPPER:** Triple banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Triple banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



MODEL

2970-\*

LIST 3.85

# POMONA

## STANDARD BANANA PLUGS

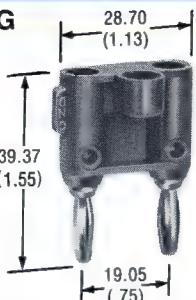
### STANDARD DOUBLE BANANA PLUG

Setscrews secure leads. Simplifies cable construction or component mounting. Accommodates 5.46 (.215) max. dia. cable.

**UPPER:** Double Banana Jack. 4.22 (.166) dia., brass.

**LOWER:** Double Banana Plug. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

**RATING:** 5000 WVDC; 15 Amps; +50°C. (+122°F.) Max. (Model 4898, +150°C. (+302°F.) Max.)



### DOUBLE BANANA PLUG WITH SHORTING BAR

Banana plugs internally shorted with #18 AWG wire. Banana jacks provide top stackup. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

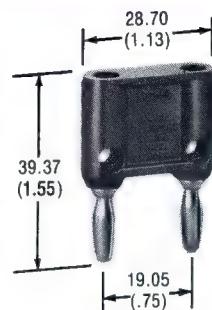
**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red, -9 White.



MODEL	FINISH	INSULATION	*STD COLORS:	LIST
MDP-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.90
4898-*	Gold plated	ABS	-0 Black, -2 Red	3.75
4898-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	2.15

### DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

Similar to Model MDP, except has bright tin plated solder turret terminals for permanent noise-free connections of cables and components.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene, black.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.



MODEL	MDP-ST

**LIST 2.65**

### COMPONENT MOUNTING DOUBLE BANANA PLUG

Setscrews secure leads. Features recess for mounting small components.

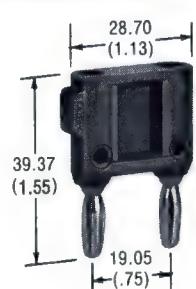
**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL	1330-

**LIST 2.10**

### COMPONENT MOUNTING DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

Similar to Model 1330, except has bright tin plated solder turret terminals.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL	1330-ST-

**LIST 2.65**

MODEL	3502

**LIST 11.35**

### DOUBLE BANANA PLUG WITH SHORTING BAR

Banana plugs internally shorted with #18 AWG wire. Banana jacks provide top stackup. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red, -9 White.



**LIST 3.15**

### MOLDED PRECISION RESISTOR

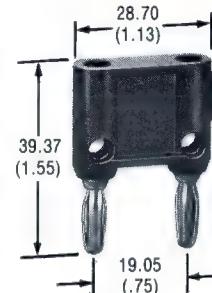
Ideal where rapid interchange of resistance values is required. Deposited carbon 1% resistor, 1/2 watt, molded internally. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections. Resistance value stamped on top of plug.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS, red.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 1/2 Watt Max, 350 WVDC, +50°C. (+122°F.) Max.



**LIST 6.80**

*Specify Resistance in Ohms					
MODEL	50	150	900	10K	100K
MDP-R-*	75	200	1K	20K	1 Meg.
	130	600	5K	50K	10 Meg.

### QUAD STACKING PLUG

Features four parallel connectors to the same point. 3 cross holes, 4.22 mm (.166) dia. provide side stackup connection.

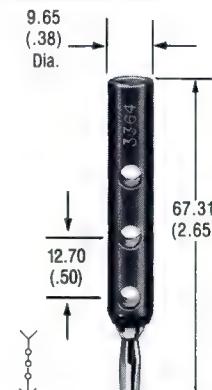
**UPPER:** Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



**LIST 6.85**

### DUAL SERIES-PARALLEL ISOLATION PLUG

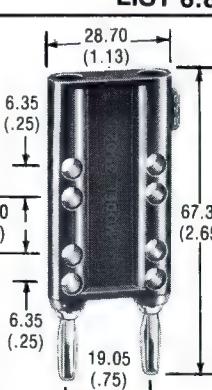
Top banana jacks and upper pair of cross holes isolated from lower pair of cross holes and banana plugs. 8 cross holes 4.22 mm (.166) dia.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS, red.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.



**LIST 11.35**

# POMONA

## COMPONENT MOUNTING ISOLATION PLUGS

### SHIELDED DOUBLE BANANA PLUG WITH IN-LINE CABLE ENTRY

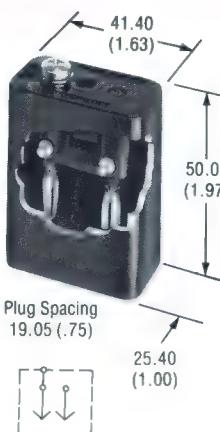
Shielded double banana plug with GND molded in shell. Bright tin plated solder turret terminals for cable connections. 5.56 mm (.219) dia. cable opening.

**MATERIAL:** Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Shell, black anodized. Banana plug, nickel plated.

**INSULATION:** Polypropylene, black.

**RATING:** 1200 WVDC, 15 Amps, +55°C. (+131°F.) Max., 2.5 pF @ 1 MHz.



MODEL  
1433

LIST 12.60

### SHIELDED DOUBLE BANANA PLUG WITH RIGHT ANGLE CABLE ENTRY

Shielded double banana plug with GND clearly molded in shell. Bright tin plated solder turret terminals for cable connections. Vinyl grommet (one side) and nickel plated snap button (other side) supplied. 6.35 mm (.25) dia. side entry.

**MATERIAL:** Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Shell, black anodized. Banana plug, nickel plated.

**INSULATION:** Polycarbonate base, white.

**RATING:** 2800 W V Peak, 15 Amps, +55°C. (+133°F.) Max. 2.0 pF @ 1 MHz.



MODEL  
1791

LIST 17.20

### BALANCED LINE SHIELDED DOUBLE BANANA PLUG

Three terminal design allows connection to shielded two conductor cable while maintaining balanced conditions. Minimizes ground loop errors in low signal level applications. Bright tin plated solder turret terminals for reliable noise-free connections.

**MATERIAL:** Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

**FINISH:** Shell, black anodized. Banana plug, nickel plated.

**INSULATION:** Polypropylene, red.

**RATING:** 1000 W V Peak, Line to Shield; 2000 W V Peak, Line to Line; 2.0 pF @ 1 MHz, Line to line; 3.0 pF @ 1 MHz, both lines to shield; 15 Amps, +55°C. (+131°F.) Max.



MODEL  
1921

LIST 22.80

### SPLIT-TERMINAL ISOLATION PLUGS



MODEL MDP-X SHOWN



MODEL 1390 SHOWN

### DOUBLE BANANA PLUG THREE TERMINAL ISOLATION

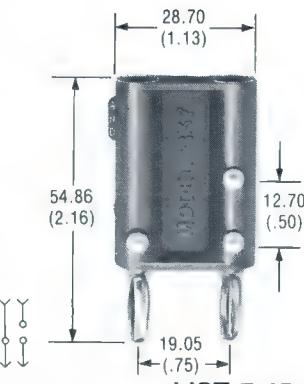
Provides three terminal isolation. Excellent for "L" and "Pi" networks. Bright tin plated solder turret terminals for permanent noise-free connections. "Ground" is straight feed-thru. Hot side isolated.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene, blue.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.



LIST 7.45

### DOUBLE BANANA PLUG FOUR TERMINAL ISOLATION

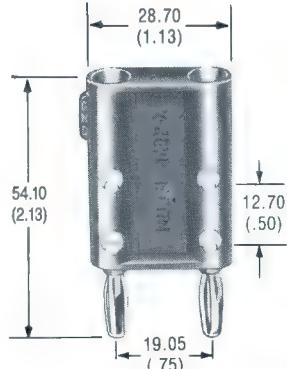
Provides four terminal isolation. Top stackup receptacles isolated from lower plugs. Ideal for insertion of matching network in laboratory VTVM's signal generators, etc. Bright tin plated solder turret terminals for permanent noise-free connections.

**UPPER:** Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene, red.

**LOWER:** Double banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.



LIST 6.85

### SINGLE BANANA PLUG TWO TERMINAL ISOLATION

Provides two terminal isolation. Top stackup receptacle is isolated from lower plug to permit addition of series resistors, diodes, etc. Ideal for computers, lab, circuit design and testing. Bright tin plated solder turret terminals for permanent noise-free connections.

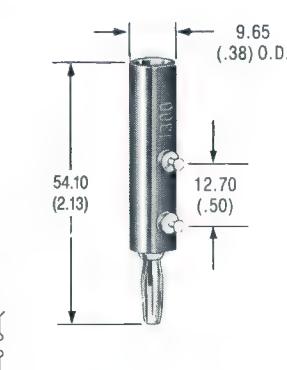
**UPPER:** Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene.

**LOWER:** Banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



LIST 4.40

# POMONA

## MINIATURE BANANA PLUGS

### MINIATURE SOLDER TYPE BANANA PLUG

Miniature in-line plug for use with miniature binding posts or banana jacks. Wire is soldered directly to threaded plug.

**MATERIAL:** Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

**FINISH:** Gold plated.

**INSULATION:** Nylon.

**RATING:** 2500 WVDC, 5 Amps, +80°C. (+176°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



MODEL	"L"	LIST
3690*	11.43 (.45)	1.45 EA.
4617*	25.4 (1.00)	2.55 EA.

(Pkg. Ten Per Color)

### MINIATURE SOLDERLESS STACKUP BANANA PLUG

Wire firmly held in place with internal setscrew.

**UPPER:** Miniature banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** ABS.

**LOWER:** Miniature banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



LIST 2.60

### MINIATURE SOLDERLESS STACKUP BANANA PLUG WITH SAFETY COLLAR

Wire firmly held in place with internal setscrew. The integral collar insulates leads and acts as a strain relief by preventing the flexing of lead at setscrew.

**UPPER:** Miniature banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** ABS.

**LOWER:** Miniature banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



LIST 2.65

### MINIATURE SOLDER TYPE BANANA PLUG

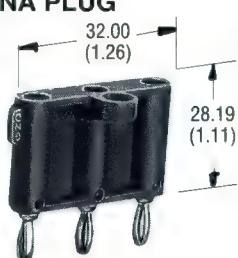
Ideal for balanced line 2 connector shielded cable assemblies. Setscrews secure leads.

**UPPER:** Miniature triple banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** ABS, black.

**LOWER:** Miniature triple banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



LIST 7.60

### METAL SHORTING BAR

Low profile 1.57 (.062) thick brass shorting bar. Center hole accepts #4-40 screw, for easy removal.

**MATERIAL:** Bar and miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

**FINISH:** Gold plated.

**RATING:** 5 Amps. Resistance less than 1.5 milliohms.



LIST 2.90

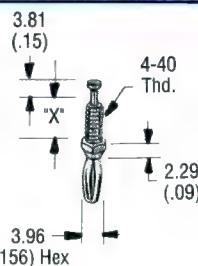
### MINIATURE BANANA PLUG WITH THREADED STUD

Threaded stud for rapid mounting. Solder turret for attachment of wires. Furnished with nickel plated 4-40 hex nut, unassembled.

**MATERIAL:** Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

**FINISH:** Gold plated.

**RATING:** 2500 WVDC, 5 Amps.



(Ten Per Pkg., unassembled)

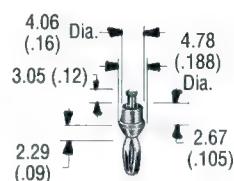
### MINIATURE RIVET TYPE BANANA PLUG WITH TURRET

Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires. Mounts in 1.57 (.062) panel.

**MATERIAL:** Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

**FINISH:** Gold plated.

**RATING:** 2500 WVDC, 5 Amps.



LIST .85 EA.

Swage tool information furnished on request. (Ten Per Pkg.)

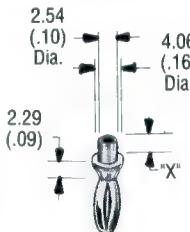
### MINIATURE RIVET TYPE BANANA PLUG

Excellent for riveting to panels or boards.

**MATERIAL:** Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

**FINISH:** Gold plated.

**RATING:** 2500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim	Panel
3268	2.39 (.094)	1.57 (.062)
3271	3.18 (.125)	2.37 (.093)
3272	3.96 (.156)	3.17 (.125)

LIST .85 EA.  
(Ten Per Pkg.)

### MINIATURE DOUBLE BANANA PLUG WITH SHORTING BAR

**UPPER:** Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** ABS.

**LOWER:** Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



### MINIATURE SCREWDRIVER FOR SETSCREWS

A specially designed screwdriver with slender tip for tightening of setscrews on miniature plugs.

**MATERIAL:** Steel.

**INSULATION:** Polycarbonate, orange.



LIST 4.05

MODEL	
3030	

LIST 2.45

# POMONA

## MINIATURE BANANA / PIN TIP PLUGS

### MINIATURE DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

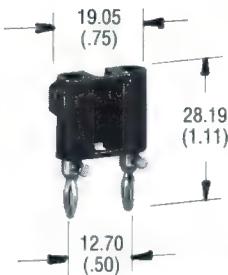
Accommodates 3.81 (.15) max. dia. cable.  
**UPPER:** Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** Polypropylene.

**LOWER:** Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack. Solder turret terminals, brass, gold plated.

**RATING:** 2500 WVDC, 5 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
2245\*

LIST 4.55

### MINIATURE DOUBLE BANANA PLUG WITH SETSCREWS

Internal setscrews to secure cable or component leads. Accommodates 3.81 (.15) dia. cable.

**UPPER:** Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

**INSULATION:** ABS.

**LOWER:** Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack. Setscrew, steel, cadmium plated.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
2244\*

(Recommend using Screwdriver No. 3736)

LIST 3.75

### MINIATURE DOUBLE PIN TIP PLUG WITH SETSCREWS

2.03 (.080) dia. double pin tip plug on 12.70 (.500) centers. Setscrews secure cable or component leads.

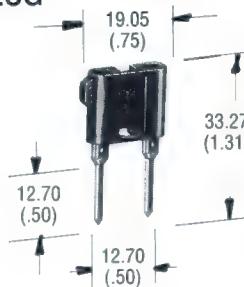
**UPPER:** Double pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

**INSULATION:** ABS.

**LOWER:** Double pin tip plug. Brass, gold plated. Setscrew, steel, cadmium plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
3544\*

(Recommend using Screwdriver No. 3736)

LIST 4.30

### MINIATURE DOUBLE PIN TIP PLUG WITH SHORTING BAR

Ideal as a connecting link for use with 12.70 (.500) spaced pin jacks. 2.03 (.080) double pin tip plug internally solder-bonded with #20 AWG wire. "Shorting bar" stamped on insulation.

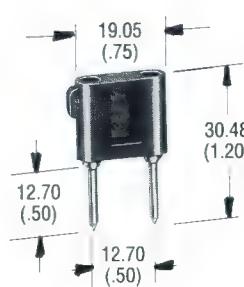
**UPPER:** Double pin jack. Spring, beryllium copper, gold plated.

**INSULATION:** ABS.

**LOWER:** Double pin tip plug. Brass, gold plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
3452\*

LIST 3.75

### MINIATURE DOUBLE PIN TIP PLUG WITH SOLDER TURRET TERMINALS

2.03 (.080) dia. double pin tip plug on 12.70 (.500) centers. Solder turret terminals for permanent noise-free connection of cables.

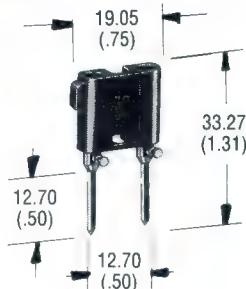
**UPPER:** Double pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

**INSULATION:** Polypropylene.

**LOWER:** Double pin tip plug with solder turret terminals. Brass, gold plated.

**RATING:** 3000 WVDC, 5 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
3545\*

LIST 6.65

### SOLDERLESS STACKUP PIN TIP PLUG

Wire firmly held in place with internal setscrew, eliminating soldering. Assembly of test leads simplified.

**UPPER:** Pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

**INSULATION:** ABS.

**LOWER:** Pin tip plug. Brass, nickel plated. Nylon setscrew.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
1922\*

LIST 3.75

### SOLDERLESS PIN TIP PLUG WITH SAFETY COLLAR

This integral collar insulates exposed wire leads and acts as a strain relief by preventing the flexing of the lead at the setscrew. Wire firmly held in place with internal setscrew.

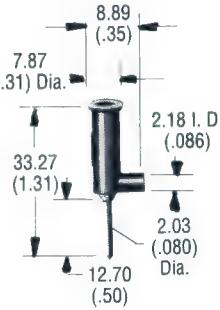
**UPPER:** Miniature banana jack. Brass, gold plated.

**INSULATION:** ABS.

**LOWER:** Pin tip plug. Brass, gold plated. Setscrew, steel, cadmium plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
3548\*

(Recommend using Screwdriver No. 3736)

LIST 2.60

### DO-IT-YOURSELF IN-LINE PIN TIP PLUG WITH FLEXIBLE BOOT

This in-line 2.03 (.080) dia. pin tip plug is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the pin tip plug.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**INSULATION:** Flexible PVC.

**RATING (Independent of Wire):** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



\*\*Max. wire dia. 3.94 (.155)

MODEL	Accepts wire AWG**	LIST
5173*	22, 20, 18	2.00
5174*	16, 14	2.00

# POMONA

## STANDARD BANANA JACKS

### DOUBLE BANANA PLUG SPLICE

Provides rapid method for splicing cables. Reduces necessity of storing extra long cables. 4.22 mm (.166) dia. banana jacks.

**MATERIAL:** Brass.

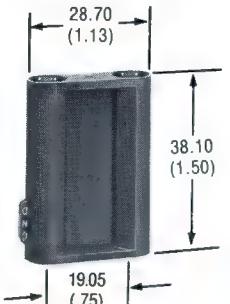
**FINISH:** Nickel plated.

**INSULATION:** Polypropylene.

**RATING:** 5000 WVDC, 15 Amps, +115°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

<b>MODEL</b>
1823-*



LIST 2.20

### BANANA JACK WITH WRAPPED WIRE TERMINAL

Closed entry receptacle, 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Excellent for rapid connection of wires using wrapped wire tools or machines. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut.

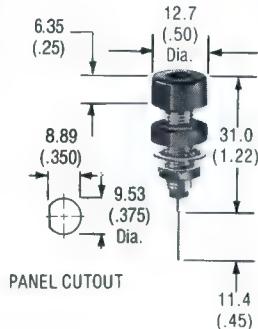
**UPPER:** Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polycarbonate.

**LOWER:** 0.64 mm (.025) sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

**RATING:** 2500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

\***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



LIST 1.60

### DOUBLE BANANA JACK WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wire using wrapped wire tools or machines. Closed entry receptacle 4.22 mm (.166) dia. x 23.37 (.920) deep on 19.05 mm (.750) centers. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut. One black and one red jack. Choice of black or red mounting base.

**UPPER:** Banana jack. Brass, nickel plated.

**INSULATION:** Polycarbonate.

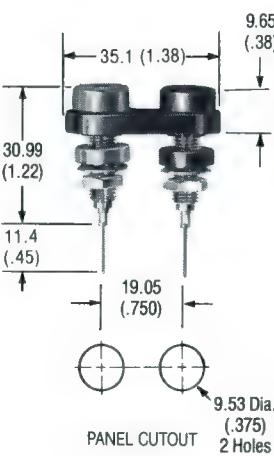
**LOWER:** 0.64 mm (.025) sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

\***MTG BASE COLOR:** -0 Black, -2 Red.

<b>MODEL</b>
4005-*

(unassembled)



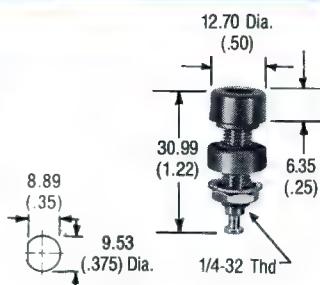
LIST 3.60

### BANANA JACK

Closed entry jack 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut.

**MATERIAL:** Brass.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 4900, +220°C. (+428°F.) Max.)



PANEL CUTOUT

(\*\* Pkg. Ten Per Color)

MODEL	MATERIAL	INSULATION	*STD COLORS	LIST
1581-*	Brass, bright tin plated		-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	.80 EA.**
2854-*	Brass, gold plated	Polycarbonate		1.65 EA.**
4900-*	Brass, bright tin plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.20 EA.**
5294-*	Tellurium copper, gold plated	Polycarbonate	-0 Black, -2 Red	3.75

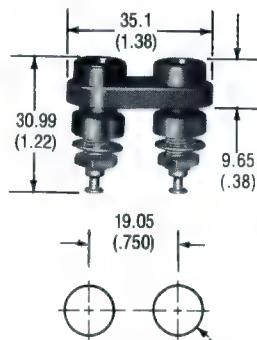
### DOUBLE BANANA JACK

Closed entry receptacle 4.22mm (.166) dia. x 23.37mm (.920) deep on 19.05mm (.750) centers. Mounts in panels from 1.60mm (.063) to 9.53mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut. Model 2269 has one black and one red jack. Model 5233 has one black and one blue jack. Specify mounting base color.

**MATERIAL:** Brass.

**FINISH:** Bright tin plated.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 5233, +220°C. (+428°F.) Max.)



PANEL CUTOUT

9.53 Dia.  
.375  
2 Holes

MODEL	INSULATION	*STD COLORS	LIST
2269-*	Polycarbonate	-0 Black, -2 Red	2.25
5233-*	Polyphenylene sulfide	-0 Black	3.35

### TRIPLE BANANA JACK

Closed entry receptacle 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated 1/4-32 lockwasher and hex nut. One black, one red and one green jack.

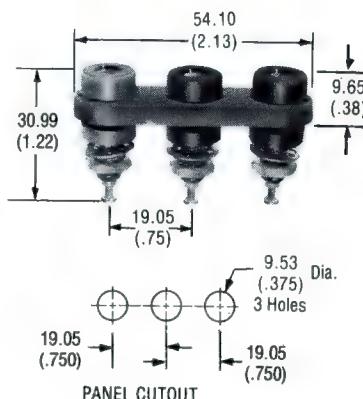
**MATERIAL:** Brass.

**FINISH:** Bright tin plated.

**INSULATION:** Polycarbonate.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

\***MTG BASE COLOR:** -0 Black, -2 Red.



PANEL CUTOUT

<b>MODEL</b>
4069-*

(unassembled)

MODEL

4601-\*

(unassembled)

LIST 3.55

# POMONA

## PIN TIP PLUGS/BANANA JACKS

### PIN TIP PLUG TWO TERMINAL ISOLATION

Pin tip jack is isolated from 2.03 mm (.080) pin tip plug. Provides for addition of series components. Ideal for use with computer boards, lab circuit designs, etc. Bright tin plated solder turret terminals for permanent noise-free connections.

**UPPER:** Tip jack. Beryllium copper, gold plated. Accepts 2.03 mm (.080) dia. pin.

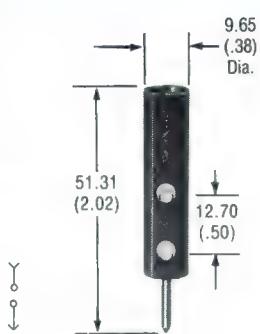
**INSULATION:** Polypropylene.

**LOWER:** Pin tip plug. Brass, nickel plated.

**RATING:** 3000 WVDC, 5 Amps, +55°C.

(+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



**MODEL**  
1910-\*

**LIST 5.65**

### METAL SHORTING BAR

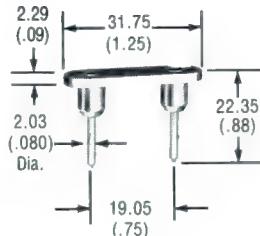
Used as connecting link with equipment having pin jacks.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**RATING:** 5 Amps, +125°C. (+257°F.) Max.

Resistance less than 1.5 milliohms.



**MODEL**  
2072

**LIST 3.50**

### POLARIZED DOUBLE PLUG

This polarized double plug makes it virtually impossible to insert into a mating jack incorrectly. Set-screws secure leads. (Used with Model 4967).

**UPPER:** Double banana jack. Brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Banana/Pin tip plug. Brass, nickel plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



**LIST 2.60**

### POLARIZED DOUBLE JACK

This polarized double jack is used with Model 4966. One side is a black pin jack and the other is a red banana jack. Mounts in panels 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated 1/4-32 hex nut and lockwasher included.

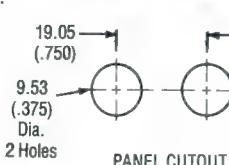
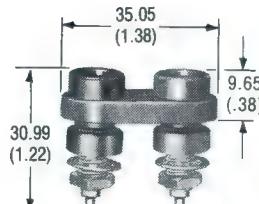
**MATERIAL:** Banana jack, brass. Pin jack spring, beryllium copper.

**FINISH:** Banana/Pin jack, tin plated.

**INSULATION:** Polycarbonate.

**RATING:** 2500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

\***MTG BASE COLORS:** -0 Black, -2 Red.



PANEL CUTOUT

**LIST 2.85**

**MODEL**  
4967-\*

(unassembled)

### EXTRA DEEP TRIPLE BANANA JACK

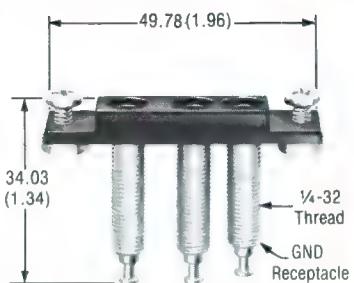
Initial connection made with ground receptacle. Accepts 20.32 mm (.800) long banana plugs. Supplied with two 6-32 hex nuts and screws, unassembled.

**MATERIAL:** Brass.

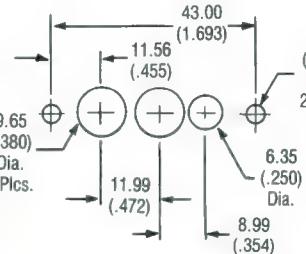
**FINISH:** Bright tin plated.

**INSULATION:** Polycarbonate, black.

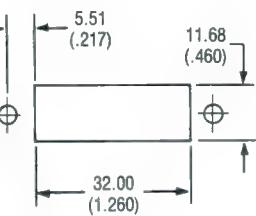
**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.



1/4-32 Thread  
GND Receptacle



BOTTOM MOUNTING PATTERN



TOP MOUNTING PATTERN

**MODEL**  
4163-0

**LIST 4.55**

### BANANA PLUG SPLICE FOR SHEATHED PLUGS

Provides rapid method for splicing single banana plug patch cords. Reduces the necessity of storing extra long patch cords. Molded thermoplastic body provides protective insulation. 4.22mm (.166) dia. banana jack. This jack fits models 4912, 4913, 4933 & 4986. It will also accept any standard banana plug.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**INSULATION:** Polypropylene.

**RATING:** 1200 V AC/DC Max., 15 Amps, +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



**LIST 1.70**

### SINGLE BANANA PLUG SPLICE

Provides rapid method for splicing single banana plug patch cords. Reduces the necessity of storing extra long patch cords. Molded thermoplastic body provides protective insulation. 4.22 mm (.166) dia. banana jack.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.

**INSULATION:** Polypropylene.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



**LIST 1.25 EA.**

(Pkg. Ten Per Color)

**MODEL**  
1829-\*

# POMONA

## BANANA JACKS

### PANEL MOUNT BANANA JACK FOR SHEATHED PLUGS

This banana jack fits models 4912, 4913, 4933 & 4986. It will also accept any standard banana plug. Nickel plated lockwasher and 1/2-28 nut included.

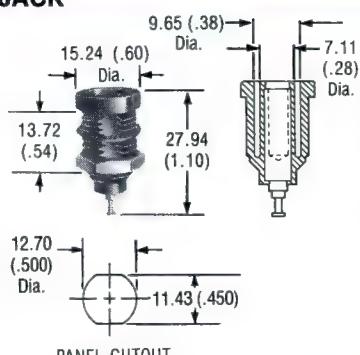
**MATERIAL:** Brass.

**FINISH:** Bright tin plated.

**INSULATION:** Polycarbonate.

**RATING:** 1200 V AC/DC Max., 15 Amps, +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



PANEL CUTOUT

**MODEL**

4921-\*

(unassembled)

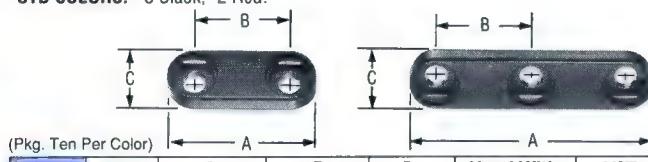
**LIST 2.25**

### MOUNTING BASES

**MATERIAL:** Polycarbonate.

**RATING:** +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



MODEL	Type	A	B	C	Used With	LIST
3862-*	Double	30.21(1.19)	19.1(.750)	11.2 (.44)	Binding Posts	.45 EA
3863-*	Triple	49.3(1.94)	19.1(.750)	11.2 (.44)		1.05 EA
4619-*	Double	22.1(1.87)	12.7(.500)	9.6 (.38)		.40 EA
4614-*	Triple	35.1(1.38)	12.7(.500)	9.6 (.38)	Banana Jacks	.70 EA
4654-*	Double	35.1(1.38)	19.1(.750)	16.0 (.63)		.40 EA
4590-*	Triple	54.1(2.13)	19.1(.750)	16.0 (.63)		.90 EA

### UNINSULATED BANANA JACK

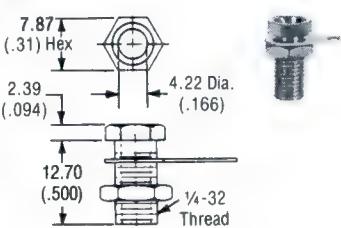
Threaded for rapid mounting. Used with standard banana plugs.

Furnished with hex nut and solder lug.

**MATERIAL:** Banana jack and hex nut, brass. Solder lug, copper.

**FINISH:** Banana jack and hex nut, nickel plated. Solder lug, tin plated.

**RATING:** 5000 WVDC; 15 Amps.



**MODEL**

3267

(unassembled)

**LIST .75 EA.**  
(Ten Per Pkg.)

### MINIATURE INSULATED BANANA JACK WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wires using wrapped wire tools or machines. Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

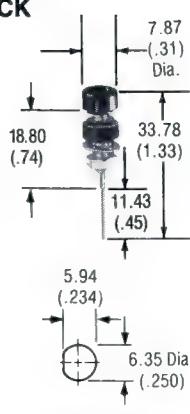
**UPPER:** Miniature banana jack. Brass, nickel plated.

**INSULATION:** Polycarbonate.

**LOWER:** 0.64 mm (.025) Sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

**RATING:** 1500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



PANEL CUTOUT

**MODEL**

4022-\*

(unassembled)

**LIST 1.55 EA.**  
(Pkg. Ten Per Color)

### MINIATURE INSULATED BANANA JACK

Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

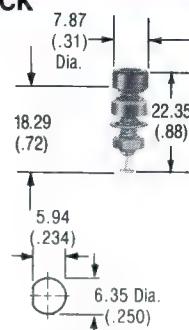
**MATERIAL:** Brass.

**FINISH:** Gold plated.

**INSULATION:** Polycarbonate.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



PANEL CUTOUT

**LIST 1.00 EA.**  
(Pkg. Ten Per Color)

### MINIATURE INSULATED DOUBLE BANANA JACK

Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

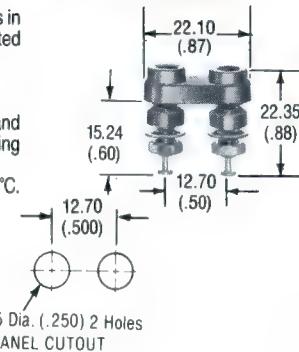
**MATERIAL:** Brass.

**FINISH:** Gold plated.

**INSULATION:** Polycarbonate. One black and one red jack. Choice of black or red mounting base.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

**\*MTG BASE COLOR:** -0 Black, -2 Red.



PANEL CUTOUT

**MODEL**  
2142-\*

(unassembled)

**LIST 2.75**

### MINIATURE INSULATED TRIPLE BANANA JACK

Closed entry 2.64 mm (.104) dia. jacks. Mounts in panels up to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

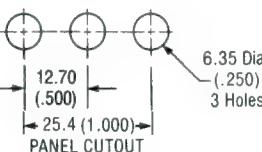
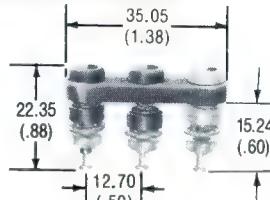
**MATERIAL:** Brass.

**FINISH:** Gold plated.

**INSULATION:** Polycarbonate. One red, one black and one green banana jack. Choice of black or red mounting base.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

**\*MTG BASE COLOR:** -0 Black, -2 Red.



**LIST 4.00**

**MODEL**

4618-\*

(unassembled)

**LIST 1.70 EA.**  
(Pkg. Ten Per Color)

### MINIATURE BANANA PLUG SPLICE

Permits splicing of single miniature banana plugs.

**UPPER:** Miniature banana jack. 2.64 mm (.104) dia., brass, nickel plated.

**INSULATION:** Polypropylene.

**LOWER:** Same as upper.

**RATING:** 1500 WVDC, 5 Amps, +55°C. (+131°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



# POMONA

## PIN TIP JACKS

### PIN JACK

Closed entry 2.03 mm (.080) pin jack. Mounts in panels to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

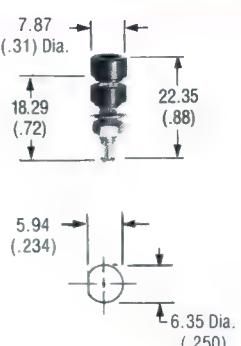
**MATERIAL:** Pin jack body, brass. Spring, beryllium copper.

**FINISH:** Pin jack, gold plated.

**INSULATION:** Polycarbonate.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



**MODEL**

3542\*

(unassembled)

### MINIATURE INSULATED DOUBLE PIN TIP JACKS 2.03 mm (.080) DIA.

Closed entry 2.03 mm (.080) dia. pin jack. Mounts in panels to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

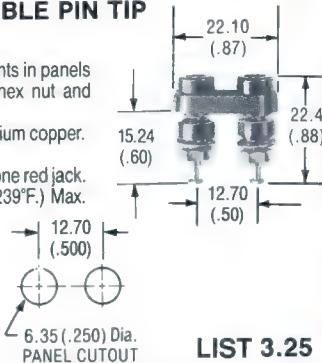
**MATERIAL:** Pin jack body, brass. Spring, beryllium copper.

**FINISH:** Pin jack, gold plated.

**INSULATION:** Polycarbonate. One black and one red jack.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F) Max.

**\*MTG BASE COLORS:** -0 Black, -2 Red.



**MODEL**

4543\*

(unassembled)

**LIST 1.20 EA.**  
(Pkg. Ten Per Color)

### DO-IT-YOURSELF IN-LINE PIN JACK WITH FLEXIBLE BOOT

This in-line 2.03 mm (.080) dia. pin jack is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the pin jack.

**MATERIAL:** Pin jack body, brass. Spring, beryllium copper.

**FINISH:** Pin jack body, nickel plated. Spring, gold plated.

**INSULATION:** Flexible PVC.

**RATING (Independent of Wire):** 3000 WVDC, 5 Amps, +50°C. (-+122°F) Max.

**\*STD COLORS:** -0 Black, -2 Red.



**\*\*Max wire dia. 3.94 (.155)**

MODEL	Accepts wire AWG**	LIST
5171*	22, 20, 18	1.45
5172*	16, 14	1.80

(unassembled)

### PIN TIP PLUG SPLICE

Permits splicing of 2.03 mm (.080) dia. pin tip patch cords.

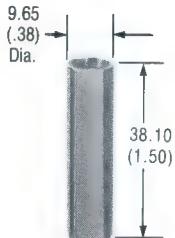
**UPPER:** Pin jack. Body, brass, nickel plated. Spring, beryllium copper. Gold plated.

**INSULATION:** Polypropylene.

**LOWER:** Same as upper.

**RATING:** 3000 WVDC, 5 Amps, +55°C. (+131°F) Max.

**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
3832\*

**LIST 2.85**

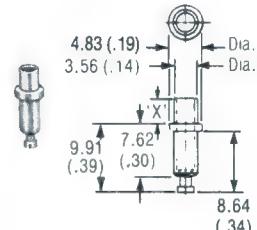
### MINIATURE RIVET TYPE BANANA JACK WITH TURRET

Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires.

**MATERIAL:** Miniature banana jack. 2.64 mm (.104) dia., tellurium copper.

**FINISH:** Gold plated.

**RATING:** 1500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3277	2.67 (.105)	1.57 (.062)	.60 EA.
3278	3.43 (.135)	2.37 (.093)	.70 EA.
3279	4.19 (.165)	3.18 (.125)	.60 EA.

(Ten Per Pkg.)

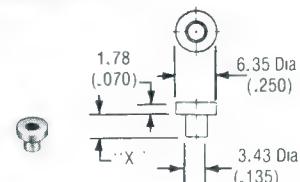
### MINIATURE RIVET TYPE BANANA JACK

Excellent for riveting to panels or boards.

**MATERIAL:** Miniature banana jack. 2.64 mm (.104) dia., leaded copper.

**FINISH:** Gold plated.

**RATING:** 1500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3280	2.67 (.105)	1.57 (.062)	.45 EA.
3281	3.43 (.135)	2.37 (.093)	.65 EA.
3282	4.19 (.165)	3.18 (.125)	.55 EA.

(Ten Per Pkg.)

### STANDARD BANANA PLUG TO 2.03 mm (.080) DIA. PIN TIP PLUG SPLICE

This splice accepts a standard banana plug on one end and a 2.03 mm (.080) pin tip plug on the other end.

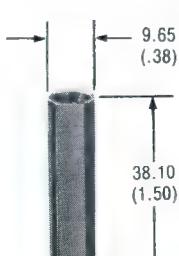
**UPPER:** Standard banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polypropylene.

**LOWER:** Pin jack. Spring, beryllium copper, gold plated, accepts 2.03 mm (.080) dia. pin.

**RATING:** 3000 WVDC, 5 Amps, +55°C. (+131°F) Max.

**\*STD COLORS:** -0 Black, -2 Red.



**LIST 2.00**

**MODEL**

3834\*

# POMONA

## BINDING POSTS

### DOUBLE BINDING POST ASSEMBLY

Nickel plated 8-32 hex nut and lockwasher included. One red and one black tin plated binding post (type 3760) with double mounting base.

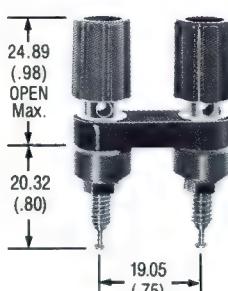
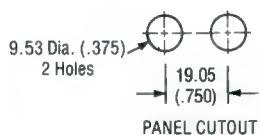
**MATERIAL:** Double binding post with captive thumb nut, brass. Accepts standard banana plug.

**FINISH:** Bright tin plated.

**INSULATION:** Polycarbonate.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

\***MTG BASE COLOR:** -0 Black, -2 Red.



<b>MODEL</b>	
4243-*	(unassembled)

**LIST 4.30**

### HEX HEAD BINDING POST

Designed to meet all the requirements of MIL-P-55149/1A. Gold plated 10-32 hex nuts and lockwashers included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels up to 6.35 mm (.250) thick. Accepts standard banana plug.

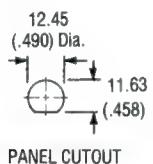
**MATERIAL:** Binding post body with captive thumb nut, brass.

**FINISH:** Gold plated.

**INSULATION:** Nylon per MIL-P-20693, Type IV.

**RATING:** 1500 VRMS, 30 Amps, +80°C. (+176°F.) Max.

\***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



<b>MODEL</b>	
5018-*	

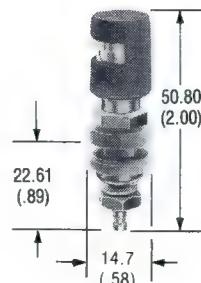
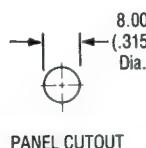
**LIST 7.00**

### BINDING POST PER MIL-P-55149/8

Spring-loaded insulated binding post that meets the requirements of MIL-P-55149/8 (U106/U). Silicone rubber O-rings provide water resistant seal when mounted in panels from 1.57 mm (.062) to 3.18 mm (.125) thick. Nickel plated 10-32 hex nut and lockwasher included.

**MATERIAL:** Brass.

**FINISH:** Nickel plated.



<b>MODEL</b>	<b>Boot Color</b>	<b>Military No.</b>
4995-0	Black	PB08NA01
4995-2	Red	PB08NA02

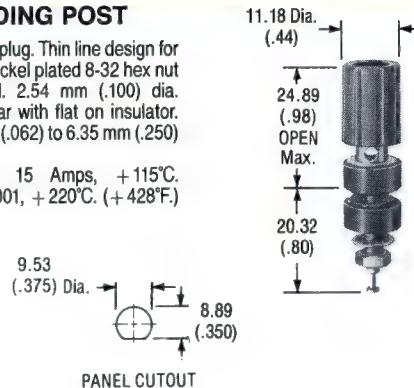
(unassembled)

**LIST 12.25**

### STANDARD BINDING POST

Accepts standard banana plug. Thin line design for high-density packaging. Nickel plated 8-32 hex nut and lockwasher included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels 1.57 mm (.062) to 6.35 mm (.250) thick.

**RATING:** 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 4901, +220°C. (+428°F.) Max.)



<b>MODEL</b>	<b>MATERIAL</b>	<b>INSULATION</b>	<b>*STD COLORS</b>	<b>LIST</b>
3750-*	Brass, gold plated		-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	3.20
3760-*	Brass, bright tin plated	Polycarbonate		2.20
3770-*	Tellurium copper, gold plated			4.45
4901-*	Brass, bright tin plated	Polyphenylene Sulfide	-0 Black, -6 Blue	2.70

### STANDARD BINDING POST WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wires using wire-wrapping tools or machines. Accepts standard banana plug. Thin line design for high-density packaging. 8-32 hex nut and lockwasher included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels 1.57 mm (.062) to 6.35 mm (.250) thick.

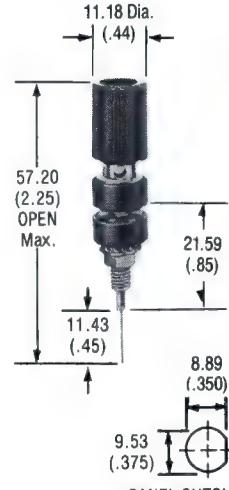
**UPPER:** Binding post with captive thumb nut. Brass, nickel plated.

**INSULATION:** Polycarbonate.

**LOWER:** 0.63 mm (.025) sq. wrapped wire terminal. Phosphor bronze, gold plated.

**RATING:** 2500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

\***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -9 White.



<b>MODEL</b>	
4098-*	(unassembled)

**LIST 3.60**

### FULLY INSULATED SPRING-LOADED BINDING POST

Spring loaded, fully insulated binding post allows fast and simple attachment of wires or plugs up to 2.16 mm (.085) dia. with insulation up to 4.06 mm (.160) dia. Nickel plated lockwasher and 8-32 hex nut included. Mounts in panels 1.57 mm (.062) to 9.53 mm (.375) thick.

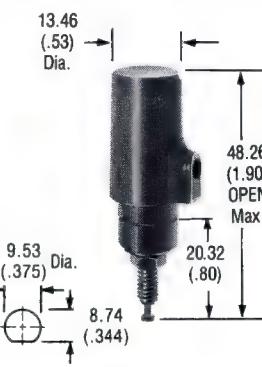
**MATERIAL:** Brass.

**FINISH:** Bright tin plated.

**INSULATION:** Polycarbonate.

**RATING:** 630 V Peak, 15 Amps, +115°C. (+239°F.) Max.

\***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



<b>MODEL</b>	
4770-*	(unassembled)

**LIST 7.15**

# POMONA

## BINDING POSTS

### MINIATURE BINDING POST

Accepts miniature banana plug. #8-32 hex nut and lockwasher included. 2.18 (.086) dia. cross hole is perpendicular with flat on insulator. Mounts in panels up to 4.77 (.188) thick.

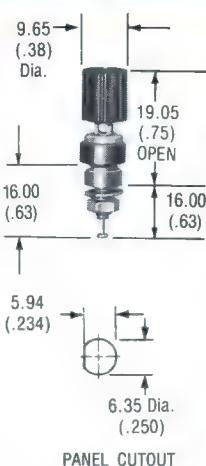
**MATERIAL:** Binding post body, captive thumb nut and hex nut, brass. Lockwasher, steel.

**FINISH:** Binding post with one captive thumb nut, gold or bright tin plated. Hex nut and lockwasher, nickel plated.

**INSULATION:** Polycarbonate.

**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	Finish	LIST
2382-*	Gold Plated	3.40
2439-*	Tin Plated	2.60

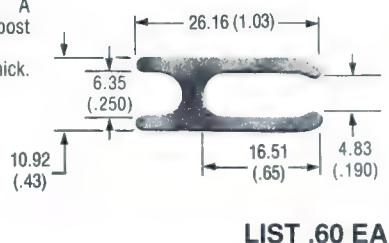
### SHORTING LINK FOR STANDARD BINDING POSTS

Shorting link for standard binding posts on 19.05 (.750) centers. A snap-on feature holds link on post when short not needed.

**MATERIAL:** Brass, 0.79 (.031) thick.

**FINISH:** Nickel plated.

**RATING:** 15 Amps.



MODEL
4115

LIST .60 EA.  
(Ten Per Pkg.)

### MINIATURE INSULATED DOUBLE BINDING POST

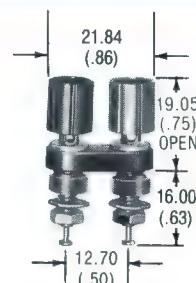
Accepts miniature banana plug. 8-32 hex nut and lockwasher included. 2.18 (.086) dia. cross hole is perpendicular with flat on insulator. Mounts in panels up to 4.77 (.188) thick.

**MATERIAL:** Miniature double binding post body, captive thumb nut and hex nut, brass. Lockwasher, steel. Polycarbonate insulation. One red and one black.

**FINISH:** Miniature binding post body and captive thumb nut, gold or bright tin plated. Lockwasher and hex nut, nickel plated.

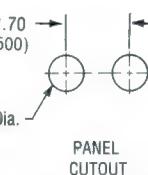
**RATING:** 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

**\*MTG BASE COLOR:** -0 Black, -2 Red.



MODEL	Finish	LIST
2383-*	Gold Plated	6.85
2440-*	Tin Plated	5.30

6.35 (.250) Dia.  
2 Holes  
(unassembled)



### SHORTING LINK FOR MINIATURE BINDING POSTS

Shorting link for miniature binding posts on 12.70 (.500) centers. A snap-on feature holds link on posts when short not needed.

**MATERIAL:** Brass, 0.79 (.031) thick.

**FINISH:** Nickel or gold plated.

**RATING:** 5 Amps.

MODEL	Finish	LIST
3478	Gold Plated	2.25 EA.
3479	Nickel Plated	1.70 EA.

(Ten Per Pkg.)



## MISCELLANEOUS ACCESSORIES

### INSULATED SPADE LUG

**UPPER:** Model 4769, pin jack. Spring, beryllium copper, gold plated. Model 1614, banana jack, brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** 1.52 (.060) thick spade lug, brass, nickel plated.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



### INSULATED BARRIER STRIP SPADE LUG TO BANANA JACK

Permits single banana plug to be used with equipment having barrier strips. Lugs fit a No. 4, 5, 6, 8 or 10 screw (see listing).

**UPPER:** Banana jack. 4.22 (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** 0.76 (.03) thick spade lug (see listing). Copper, electro-tin plated.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

MODEL	Lug Size	Dim. A	Dim. B
3744-*	4, 5 & 6	3.81 (.15)	6.10 (.24)
3777-*	8 & 10	4.83 (.19)	7.62 (.30)



LIST 2.75

### LOW THERMAL EMF TELLURIUM COPPER INSULATED SPADE LUG

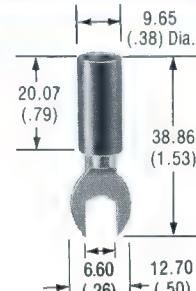
Provides precision measurement when attaching banana plug to equipment with binding posts.

**UPPER:** Banana jack, tellurium copper, gold plated. Accepts standard banana plug.

**INSULATION:** ABS, one black and one red.

**LOWER:** 2.03 (.080) thick spade lug, tellurium copper, gold plated.

**RATING:** 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.



MODEL
2305

LIST 9.75 KIT

(Kit contains 1 Red & 1 Black)

### TERMINAL STRIP BANANA JACK ADAPTER

This adapter makes it easy to make connections to barrier and terminal strips without removing the screws and disturbing the circuit.

Use with any standard banana plug patch cords.

**\*STD COLORS:** -0 Black, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -9 White.



MODEL	Thread
5699-*	6-32
5700-*	8-32
5701-*	10-32

LIST 2.75

# POMONA

## BANANA PLUG/JACK ADAPTERS

### MINIATURE DOUBLE BANANA JACK TO STANDARD DOUBLE BANANA PLUG

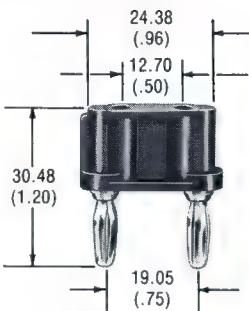
Permits miniature double banana plug on 12.70 mm (.500) centers to be used with equipment having standard double banana jacks on 19.05 (.750) centers.

**UPPER:** Miniature double banana jack. 2.64 mm (.104) dia., brass, nickel plated.

**INSULATION:** ABS, black.

**LOWER:** Standard double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits 4.22 mm (.166) dia. standard banana jacks.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



MODEL  
2943

LIST 8.60

### MINIATURE BANANA JACK TO STANDARD BANANA PLUG

Permits miniature banana plugs to be used with equipment having standard banana jacks.

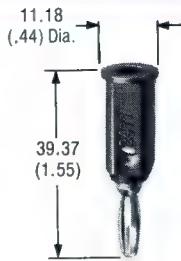
**UPPER:** Miniature banana jack. 2.64 mm (.104) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Standard banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



LIST 1.50 EA.  
(Pkg. Five Per Color)

### STANDARD DOUBLE BANANA JACK TO MINIATURE DOUBLE BANANA PLUG.

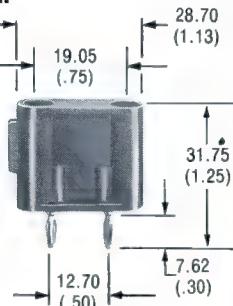
Permits standard double banana plug on 19.05mm (.750) centers to be used with equipment having miniature double banana jacks on 12.70mm (.500) centers.

**UPPER:** Standard double banana jack. 4.22mm (.166) dia., brass, nickel plated. Accepts standard banana plug.

**INSULATION:** ABS, black.

**LOWER:** Miniature double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits miniature 2.64mm (.104) dia. banana jacks.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



MODEL  
2952

LIST 5.70

### STANDARD BANANA JACK TO MINIATURE BANANA PLUG

Permits standard banana plug to be used with equipment having miniature banana jacks.

**UPPER:** Standard banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Miniature banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits 2.64 mm (.104) dia. miniature banana jacks.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



LIST 1.65 EA.  
(Pkg. Five Per Color)

MODEL  
1809-\*

LIST 1.70

### BANANA JACK TO PIN TIP PLUG

Permits standard banana plug patch cords to be used with equipment having tip jacks. Cross hole 4.22 mm (.166) dia. provides side stackup connection.

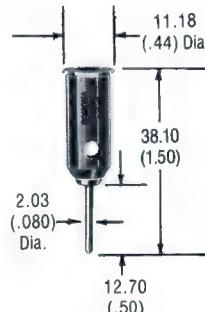
**UPPER:** Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** ABS.

**LOWER:** Pin tip plug. Brass, nickel plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



MODEL  
1432-\*

LIST .90 EA.  
(Pkg. Ten Per Color)

### CONNECTOR TEST ADAPTERS

An ideal test adapter for rapid testing of the hard-to-get at contacts of multipin/socket rack or panel connectors. Flexible tip allows testing of adjacent contacts. Flexibility and full insulation protects against shorting or contact damage. The model 4690 also fits .635 mm (.025) sq. pins.

**UPPER:** Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

**INSULATION:** Polyvinyl chloride (PVC).

**LOWER:** Socket type, copper. Pin type, brass. Gold plated. See tab block.

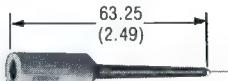
**RATING:** 2500 WVDC, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

MODEL	Contact Size	Type	Current Rating	LIST
4690-*	22	Socket	5 Amps	3.60
4691-*	22	.762 (.030) dia.	5 Amps	2.75
3560-*	20	Socket	7.5 Amps	2.75
3561-*	20	1.02 (.040) dia.	7.5 Amps	3.00
3562-*	16	Socket	13 Amps	3.00
3563-*	16	1.60 (.063) dia.	13 Amps	2.60
3564-*	12	Pin	23 Amps	4.85
3565-*	12	Pin	23 Amps	2.60



3562  
SOCKET TYPE



3561  
PIN TYPE



TYPICAL APPLICATION

# POMONA

## BANANA PLUG / JACK ADAPTERS

### BANANA JACKS TO DOUBLE PIN TIP PLUG WITH SETSCREWS

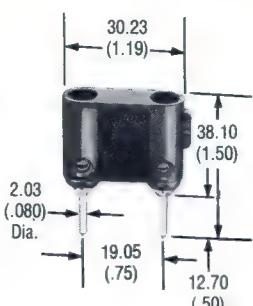
Permits single or double banana plugs to be used in equipment having tip jacks. Features recess for component mounting. Internal setscrews firmly secure wire leads.

**UPPER:** Double banana jack 4.22 (.166) dia., brass, nickel plated.

**INSULATION:** ABS, black.

**LOWER:** Double pin tip plug. Brass, nickel plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.



**MODEL**  
1858

**LIST 3.20**

### BINDING POST TO SINGLE PIN TIP PLUG

Center cross hole 4.22 (.166) dia. in body provides side stackup connection.

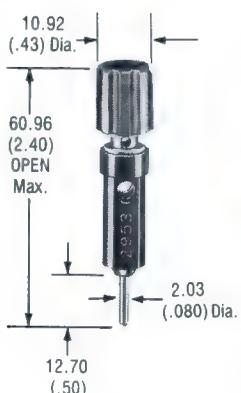
**UPPER:** Binding post with captive thumb nut, brass, nickel plated. Polycarbonate insulation. Accepts standard banana plug.

**INSULATION:** ABS, black.

**LOWER:** Pin tip plug. Brass, nickel plated.

**RATING:** 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\***BINDING POST COLORS:** -0 Black, -2 Red.



**MODEL**  
2953-\*

**LIST 4.50**

### MINIATURE BINDING POSTS TO MINIATURE DOUBLE BANANA PLUG

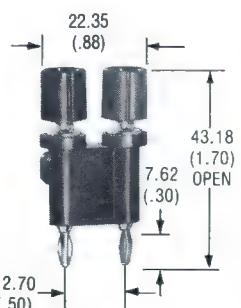
This adapter converts miniature banana jacks to miniature binding posts.

**UPPER:** Miniature double binding post body with captive thumb nut. Brass, gold plated. Polycarbonate insulation. One black and one red. Accepts miniature banana plugs.

**INSULATION:** ABS, black.

**LOWER:** Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jacks.

**RATING:** 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



**MODEL**  
3822

**LIST 10.35**

### BINDING POST TO SINGLE BANANA PLUG

Features insulated binding post for rapid mounting and interchangeability of components. Center cross hole 4.22 (.166) dia. provides side stackup connection.

**UPPER:** Binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug.

**INSULATION:** ABS, black.

**LOWER:** Single banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

**RATING:** 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.

\***BINDING POST COLORS:** -0 Black, -2 Red.



**LIST 3.70**

### BINDING POSTS TO DOUBLE BANANA PLUG

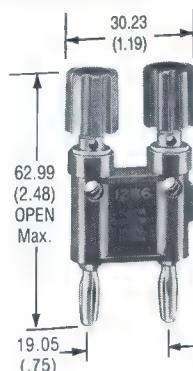
Features insulated binding posts on 19.05 (.750) centers for rapid mounting and interchangeability of components. Center cross hole 4.22 (.166) dia. provides side stackup connection.

**UPPER:** Double binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug. Insulation, polycarbonate. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

**RATING:** 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



**LIST 6.80**

### BINDING POSTS TO DOUBLE BANANA PLUG GOLD PLATED

Similar to Model 1286 (above) except gold plated.

**UPPER:** Double binding post. Gold plated brass body with captive thumb nut. Accepts standard banana plug. Insulation, polycarbonate. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, gold plated. Fits standard 4.22 (.166) dia. banana jacks.

**RATING:** 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



**LIST 9.10**

### BINDING POSTS TO TRIPLE BANANA PLUG

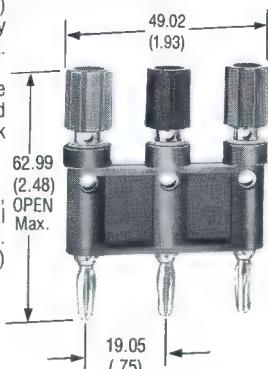
Features insulated binding posts on 19.05 (.750) centers for rapid mounting and interchangeability of components. Center cross holes 4.22 (.166) dia. provide side stackup connection.

**UPPER:** Triple binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug. Insulation, polycarbonate. Red, black (center), green.

**INSULATION:** ABS, black.

**LOWER:** Triple banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

**RATING:** 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



**LIST 11.20**

# POMONA

## COAXIAL ADAPTERS

### BNC FEMALE TO SINGLE STANDARD BANANA PLUG

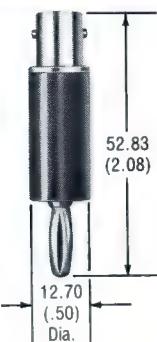
Permits BNC male to be used with equipment having banana jacks. Inner conductor connected only. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard banana jack.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL	1894
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LIST 5.70

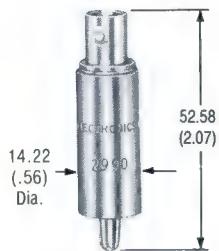
### BNC FEMALE TO SHIELDED BANANA PLUG

Permits BNC male to be used with equipment having banana jacks or binding posts. All metal construction for proper shielding.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** Shielded banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Shield, brass, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL	2990
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LIST 9.15

### BNC FEMALE TO SINGLE BANANA PLUG WITH GROUND LEAD

Permits BNC male to be used with equipment having standard banana jacks. Allows the ground jack to be located up to 63.50 mm (2.50) away from the output/input jack.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** Polypropylene, red.

**LOWER:** Banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Ground, 18 AWG wire with single banana plug. Polypropylene insulation, black.

**RATING:** Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



MODEL	4684
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LIST 9.70

### BNC FEMALE TO SINGLE PIN TIP PLUG

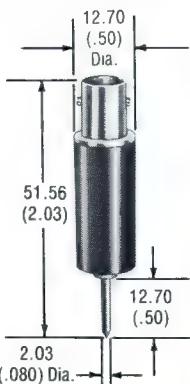
Permits BNC male to be used with equipment having 2.03 mm (.080) dia. pin tip jacks. Inner conductor connected only. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Pin tip plug. Brass, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL	3415
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LIST 4.90

### BNC FEMALE TO DOUBLE BANANA PLUG

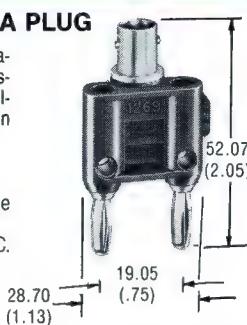
Permits BNC male to be used with equipment having banana jacks. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



LIST 5.15

### BNC FEMALE TO MINIATURE DOUBLE BANANA PLUG

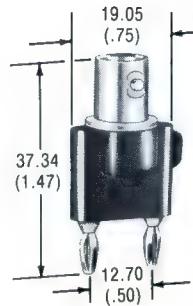
Allows a BNC male to be used with equipment having 12.70 mm (.500) spaced miniature 2.64 mm (.104) dia. banana jacks. Excellent for adapting test equipment to standard coaxial cables.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Miniature double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 mm (.104) dia. banana jack.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL	3269
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LIST 8.00

### SIGNAL ISOLATOR — BNC FEMALE TO DOUBLE BANANA PLUG

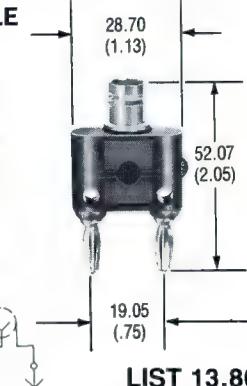
Permits BNC male connector to be used with equipment having banana jacks. General purpose ceramic capacitor molded internally. Rated @ .01 uf ± 20%, 200 W VDC. Insulation resistance 10,000 megohms min. Ideal for isolating DC signals from VTVM inputs and signal generator outputs. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, blue.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

**RATING:** 200 WVDC, +50°C. (+122°F.) Max.



LIST 13.80

### ADAPTER — BNC FEMALE TO DOUBLE BANANA PLUG — FOUR TERMINAL ISOLATION

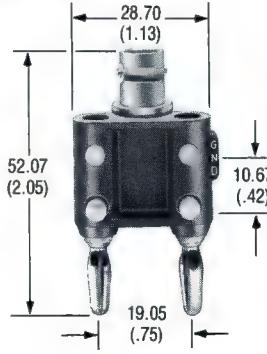
Permits BNC male to be used with equipment having banana jacks. Provides isolation for a four terminal network. Excellent for matching pad networks. Bright tin plated solder turret terminals for permanent noise-free connections.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** Polypropylene, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



LIST 15.95

# POMONA

## COAXIAL ADAPTERS

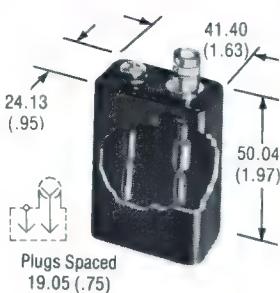
### BNC FEMALE TO SHIELDED DOUBLE BANANA PLUG

Permits BNC male to be used with equipment having banana jack binding posts. Black anodized aluminum shield.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Shielded can, aluminum, black anodized.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL
1645

LIST 13.80

### BNC MATCHING PAD

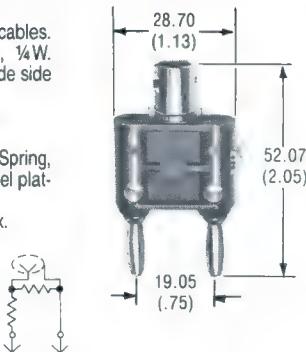
Adapts 600 Ohm sources to 50 or 75 Ohm cables. Molded in deposited carbon resistors 1%, 1/4W. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

**RATING:** 300 WVDC, +50°C. (+122°F.) Max.



MODEL	Color	Match in Ohms
1656-1	Yellow	600 to 50
1656-2	Red	600 to 75

LIST 18.25

### BNC MALE TO DOUBLE BANANA PLUG

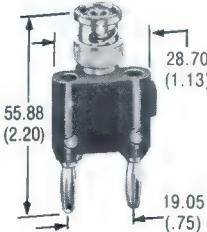
Permits BNC female to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** BNC male. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL
1270

LIST 8.05

### MICRODOT RECEPTACLE TO DOUBLE BANANA PLUG

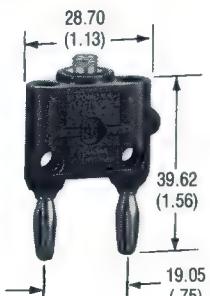
Permits Microdot miniature coaxial plug to be used with equipment having banana jacks. Cross holes in body provide side stackup connections.

**UPPER:** Microdot receptacle, 50 Ohms, 10-32 thread.

**INSULATION:** ABS, green.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22mm (.166) dia. banana jacks.

**RATING:** 750 VRMS, +50°C. (+122°F.) Max.



MODEL
1275

LIST 26.45

### TYPE "N" FEMALE TO DOUBLE BANANA PLUG

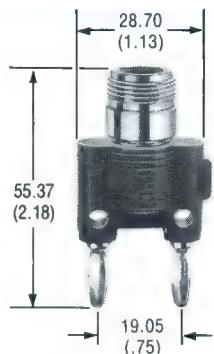
Permits type "N" male to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** Type "N" female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** Operating Voltage: 1000 VRMS Max., +50°C. (+122°F.) Max.



MODEL
1740

LIST 18.35

### MHV FEMALE TO DOUBLE BANANA PLUG

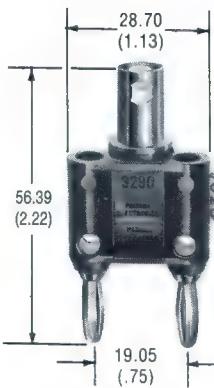
This adapter allows an MHV male to be used with equipment having 19.05 mm (.750) spaced banana jacks. Cross holes 4.22 mm (.166) dia. provide side stackup connections.

**UPPER:** MHV female.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated.

**RATING:** 5000 V peak, +50°C. (+122°F.) Max.



MODEL
3290

LIST 24.20

### UHF FEMALE TO DOUBLE BANANA PLUG

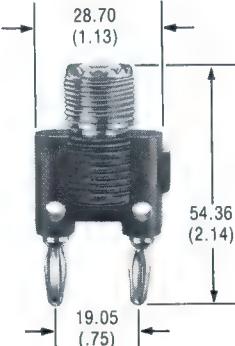
Permits UHF male to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** UHF female. Impedance: Nonconstant.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL
1707

LIST 18.05

### TWINAX FEMALE TO DOUBLE BANANA PLUG

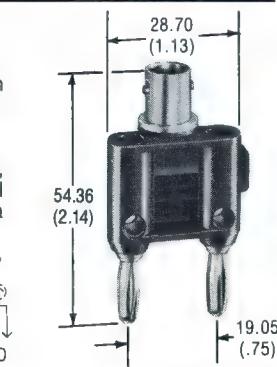
This adapter allows a twinax male to be used with equipment having 19.05 (.750) spaced banana jacks.

**UPPER:** Twinax female.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL
4930

LIST 22.85

# POMONA

## COAXIAL ADAPTERS

### PHONO JACK TO DOUBLE BANANA PLUG

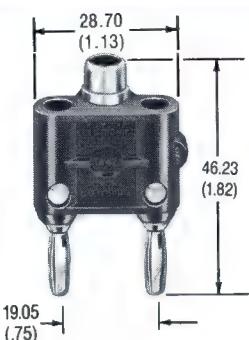
Permits phono plug to be used with equipment having banana jacks or binding posts. Cross holes 4.22 (.166) dia. in body provide side stack-up connections.

**UPPER:** Phono jack.

**INSULATION:** Polystyrene, black.

**LOWER:** Double banana plug body, brass. Spring, one piece heat treated beryllium copper, nickel plated.

**RATING:** 500 WVDC, +50°C. (+122°F.) Max.



**MODEL**  
1442

LIST 9.20

### PHONE JACK TO DOUBLE BANANA PLUG

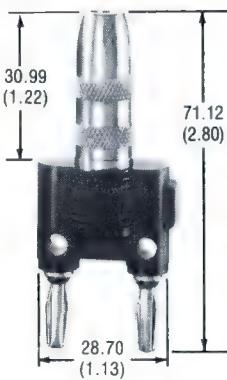
Permits a standard 2 conductor 6.35 mm (.250) dia. phone plug to be used with equipment having banana jacks or binding posts. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

**UPPER:** Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug.

**INSULATION:** ABS, black.

**LOWER:** Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks.

**RATING:** 500 VRMS, +50°C. (+122°F.) Max.



**MODEL**  
4044

LIST 14.15

### STANDARD DOUBLE BINDING POSTS TO BNC MALE

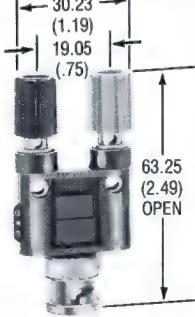
Permits single or double banana plugs to be used with equipment having a BNC female.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** BNC male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



**MODEL**  
1296

LIST 9.60

### SINGLE BINDING POST TO BNC MALE

Permits single banana plug to be used with equipment having a BNC female.

**UPPER:** Binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs.

**INSULATION:** Polycarbonate.

**LOWER:** BNC Male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +115°C. (+239°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
3430-\*

LIST 4.80

### ADAPTER — BINDING POSTS TO BNC MALE FOUR TERMINAL ISOLATION

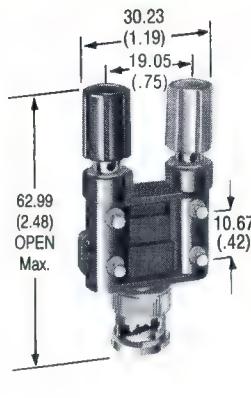
Permits single or double banana plugs to be used with equipment having BNC female. Provides isolation for a four terminal network. Binding posts facilitate connections of test leads or additional components. Bright tin plated solder turret terminals provide permanent noise-free connections.

**UPPER:** Double binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** Polypropylene, black.

**LOWER:** BNC male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



**MODEL**  
1469

LIST 20.10

### MINIATURE BINDING POSTS TO BNC MALE

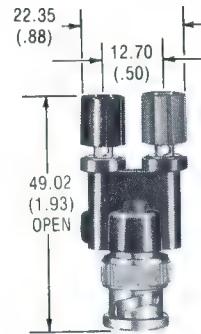
Converts a BNC female to miniature 12.70 mm (.500) spaced binding posts.

**UPPER:** Miniature double binding post with captive thumb nut. Brass, gold plated. Accepts miniature banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** BNC male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



**MODEL**  
3296

LIST 14.95

### BINDING POSTS TO MHV MALE

This adapter converts a MHV female to standard binding posts. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup connections.

**UPPER:** Double binding post body with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** MHV male.

**RATING:** 5000 V peak, +50°C. (+122°F.) Max.



**MODEL**  
3291

LIST 28.75

# POMONA

## COAXIAL ADAPTERS

### BINDING POSTS TO BNC FEMALE

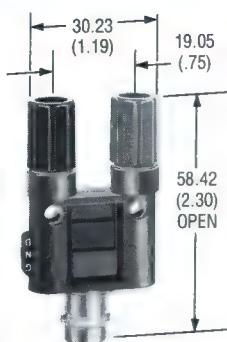
Permits single or double banana plugs to be used with equipment having a BNC male.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** BNC female. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL  
1452

### BINDING POSTS TO TYPE "N" MALE

Permits single or double banana plugs to be used with equipment having type "N" female. Cross holes 4.22 (.166) dia. in body provide side stackup connections.

**UPPER:** Double binding post body with captive thumb nut. Brass, nickel plated. Accepts standard banana plug. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Type "N" male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 1000 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL  
1796

### BINDING POSTS TO MINIATURE PHONE PLUG

Permits single or double banana plug to be used with equipment having three-circuit phone jacks. Tip connected to hot side of adapter and ring connected to ground side. Sleeve, no connection.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Miniature phone plug.

**RATING:** 500 V Peak, + 50°C. (+ 122°F.) Max.



MODEL  
5001

### BNC / BANANA / BINDING POST ADAPTER KIT

Kit contains one each:

- 1269      BNC Female to Double Banana Plug
- 1270      BNC Male to Double Banana Plug
- 1296      BNC Male to Double Binding Posts
- 1452      BNC Female to Double Binding Posts
- 3283      BNC Female to Female
- 3533      BNC Male to Male

MODEL  
5510



# POMONA

## PHONE ADAPTERS

### BINDING POSTS

#### TO PJ-068/WE-309 PHONE PLUG

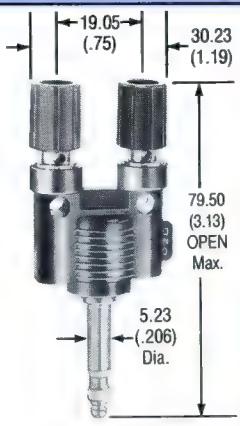
Permits single or double banana plug to be used with equipment having three circuit phone jacks. Tip connected to red post, ring to black. Sleeve, no connection. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Phone plug, PJ-068 (equivalent to WE-309).

**RATING:** 500 V peak, +50°C. (+122°F.) Max.



MODEL  
3365

### BINDING POSTS TO PHONE PLUG

Permits single or double banana plug to be used with equipment having phone jacks. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Standard phone plug.

**RATING:** 500 WVDC, +50°C. (+122°F.) Max.



MODEL  
1285

### BINDING POSTS TO PJ-051/WE-310 PHONE PLUG

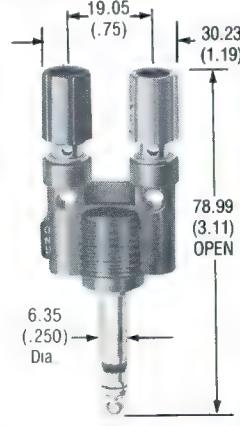
Permits single or double banana plug to be used with equipment having three circuit phone jacks. Tip connected to hot side of adapter and ring connected to ground side. Sleeve, no connection. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

**UPPER:** Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**INSULATION:** ABS, black.

**LOWER:** Phone plug, PJ-051 (equivalent to WE-310).

**RATING:** 500 V peak, +50°C. (+122°F.) Max.



MODEL  
2112

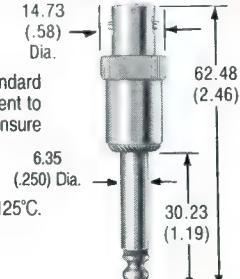
### BNC FEMALE TO PHONE PLUG

Permits BNC male to be used with equipment having standard 6.35 mm (.250) dia. phone jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** Standard phone plug.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL  
1297

## PHONE ADAPTERS

### BNC FEMALE

#### TO PJ-051/WE-310 PHONE PLUG

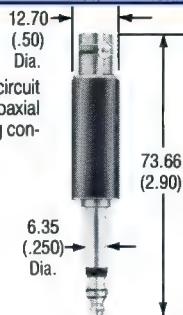
Permits BNC male to be used with equipment having three circuit phone jacks. Readily adapts equipment to available BNC coaxial cables. Tip connected to inner contact of connector and ring connected to shell. Sleeve, no connection.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Phone plug, PJ-051 (equivalent to WE-310).

**RATING:** 500 V peak, +50°C. (+122°F.) Max.



LIST 16.75

### BNC FEMALE TO MINIATURE PHONE PLUG

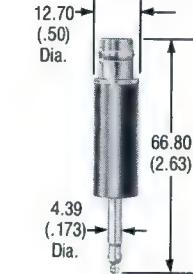
Permits BNC male to be used with equipment having miniature phone jacks. Readily adapts equipment with BNC jacks through the use of BNC coaxial cables. Tip is connected to inner contact of connector and the ring is connected to the shell. The sleeve is not connected.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Miniature phone plug.

**RATING:** 500 V peak, +50°C. (+122°F.) Max.



LIST 15.90

### BNC FEMALE TO PJ-068/WE-309 PHONE PLUG

Permits BNC male to be used with equipment having three circuit phone jacks. Readily adapts equipment to available BNC coaxial cable. Tip connected to inner contact of connector and ring connected to shell. Sleeve, no connection.

**UPPER:** BNC female. Impedance: 50 Ohms.

**INSULATION:** ABS, black.

**LOWER:** Phone plug, PJ-068 (equivalent to WE-309).

**RATING:** 500 V peak, +50°C. (+122°F.) Max.



LIST 27.50

### PHONE PLUG PJ051 (WE-310)

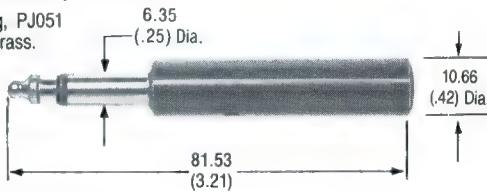
**MATERIAL:** Phone plug, PJ051 (equivalent to WE310), brass.

**INSULATION:** Phenolic.

**RATING:** 500 V peak.

**HANDLE COLOR:**

-0 Black, -2 Red.



MODEL  
4797-\*

LIST 11.80

### MINIATURE PHONE JACK TO PJ-051 (WE-310) PLUG

This adapter allows the use of miniature phone plug patch cords to be used in equipment fitted with PJ-051 jacks.

**UPPER:** 4.39mm (.173) Miniature phone jack.

**INSULATION:** Nylon.

**LOWER:** PJ-051 plug.

**RATING:** 500 V Peak.



MODEL  
4993

LIST 30.55

# POMONA

## PHONE/PHONO ADAPTERS

### PHONE JACK TO BNC MALE

Permits a standard 2 conductor 6.35 mm (.250) dia. phone plug to be used with equipment having BNC female. All metal construction to insure proper shielding.

**UPPER:** Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug, 30.23 mm (1.190) long.

**LOWER:** BNC male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL
4043

LIST 20.05

### BNC FEMALE TO TYPE "F" MALE PUSH-ON

This adapter allows equipment, such as TVs, computers, etc. using type "F" females to be used with equipment with BNC males.

**UPPER:** BNC Female. brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated.

**LOWER:** Push-on Type "F" Male. Brass, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., Impedance: 50 Ohms, -65°C. (-85°F.) to +165°C. (+329°F.).



MODEL
4941

LIST 12.15

### BNC FEMALE TO 2.29 mm (.090) VIDEO PLUG

Permits BNC male to be used with equipment having Western Electric 2.29 mm (.090) video plugs.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** Video plug (equivalent to WE-090).

**RATING:** Operating Voltage: 500 VRMS Max.



MODEL
5008

LIST 31.45

### BNC FEMALE TO PHONO PLUG

Permits BNC male to be used with equipment having phono jacks. Similar to model 2957 except for length and contact plating.

**UPPER:** BNC female. Nickel plated center contact. Impedance: 50 Ohms.

**LOWER:** Phono plug. Brass, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +102°C. (+216°F.) Max.



MODEL
5319

LIST 4.75

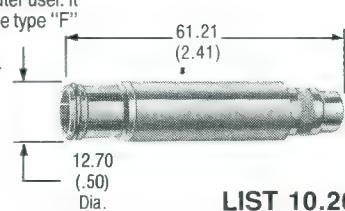
### PHONO JACK TO TYPE "F" MALE PUSH-ON

This adapter is a must for the home computer user. It allows a phono cable to be plugged into the type "F" female connector in the rear of TV sets.

**UPPER:** Phono jack. Brass, nickel plated.

**LOWER:** Type "F" male push-on.

**RATING:** +50°C. (+122°F.) Max.



MODEL
4984

LIST 10.20

### PHONE JACK TO BNC FEMALE

This adapter allows a cable with a 2 conductor 6.35 mm (.250) dia. phone plug to be attached to a cable with a BNC male. All metal construction for proper shielding.

**UPPER:** Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug. Brass, nickel plated.

**LOWER:** BNC female. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +85°C. (+185°F.) Max.



MODEL
4026

LIST 15.20

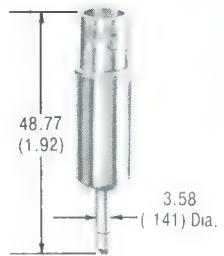
### BNC FEMALE TO TINI PLUG

Permits BNC males to be used with equipment having Tini Jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** 2 conductor Tini Plug.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL
3837

LIST 9.85

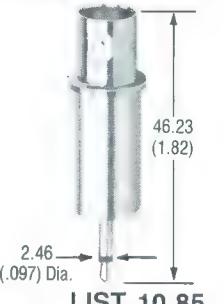
### BNC FEMALE TO MICRO PLUG

Permits BNC males to be used with equipment having micro jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** 2 conductor micro plug.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL
4267

LIST 10.85

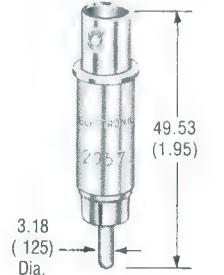
### BNC FEMALE TO PHONO PLUG

Permits BNC male to be used with equipment having phono jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding. (See also model 5319).

**UPPER:** BNC female. Impedance: 50 Ohms.

**LOWER:** Phono plug, brass, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max., +102°C. (+216°F.) Max.



MODEL
2957

LIST 7.50

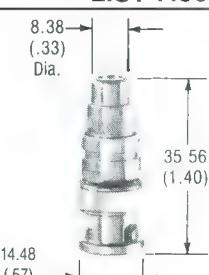
### PHONO JACK TO BNC MALE

Permits phono plug to be used with equipment having BNC females. Quickly converts a cable with a phono plug to a BNC male. All metal construction to insure proper shielding.

**UPPER:** Phono jack. Brass, nickel plated.

**LOWER:** BNC male. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL
4054

LIST 13.05

# POMONA

## MISCELLANEOUS ADAPTERS

### INSULATED MINIGATOR CLIP TO BANANA JACK

**MATERIAL:** Minigator clip, steel. Banana jack, brass. Accepts standard banana plug.  
**FINISH:** Minigator clip, cadmium plated. Banana jack, tin plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
3448-\*  
(unassembled)  
1 clip and 1 insulator per pkg.

**LIST 2.00**

### INSULATED MINIGATOR CLIP TO PIN JACK

**MATERIAL:** Minigator clip, steel. Pin jack body, brass. Spring, beryllium copper. Accepts 2.03 (.080) dia. pin.  
**FINISH:** Minigator clip, cadmium plated. Pin jack, gold plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

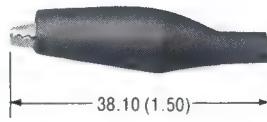


**MODEL**  
3491-\*  
(unassembled)  
1 clip and 1 insulator per pkg.

**LIST 2.65**

### INSULATED MINIGATOR CLIP WITH 6-32 THREAD

This minigator can be used with oscilloscopes and leads equipped with 6-32 screw on tip.  
**MATERIAL:** Minigator clip, steel. Bushing, brass. Accepts 6-32 screw.  
**FINISH:** Cadmium plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
4517-\*  
(unassembled)  
1 clip and 1 insulator per pkg.

**LIST 2.80**

### INSULATED MINIGATOR CLIP TO 0.64 (.025) SQUARE PIN

**1ST END:** Minigator clip, steel, cadmium plated.  
**INSULATION:** Vinyl.  
**2ND END:** 0.64 (.025) Square Pin, phosphor bronze, gold plated.  
**RATING:** 1000 WVDC, 3 Amps, +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
5363-\*  
(unassembled)

**LIST 2.85**

ITT Pomona Electronics 1500 East Ninth St. P.O. Box 2767 Pomona, Calif., 91769  
 Phone (714) 623-3463 • TWX: 910-581-3822 • FAX: (714)629-3317

### INSULATED MINIGATOR CLIP TO MINIATURE BANANA JACK

**MATERIAL:** Minigator clip, steel. Accepts miniature banana plug.  
**FINISH:** Cadmium plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
3217-\*  
(unassembled)  
10 clips and 10 insulators per pkg.

**LIST .70 EA.**  
(Pkg Ten Per Color)

### INSULATED ALLIGATOR CLIP TO BANANA JACK

**MATERIAL:** Alligator clip, steel. Accepts standard banana plug.  
**FINISH:** Nickel plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

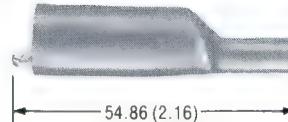


**MODEL**  
2240-\*  
(unassembled)  
10 clips and 10 insulators per pkg.

**LIST .55 EA.**  
(Pkg Ten Per Color)

### GOLD PLATED INSULATED ALLIGATOR CLIP TO BANANA JACK

**MATERIAL:** Alligator clip, copper. Accepts standard banana plug.  
**FINISH:** Gold plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

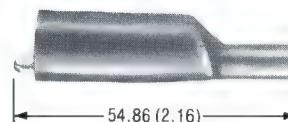


**MODEL**  
3289-\*  
(unassembled)  
1 clip and 1 insulator per pkg.

**LIST 2.10**

### INSULATED ALLIGATOR CLIP TO PIN JACK

**MATERIAL:** Alligator clip, steel. Pin jack body, brass. Spring, beryllium copper. Accepts 2.03 (.080) dia. pin.  
**FINISH:** Alligator clip, nickel plated. Pin jack, gold plated.  
**INSULATION:** Vinyl.  
**RATING:** +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.



**MODEL**  
1437-\*  
(unassembled)  
10 clips and 10 insulators per pkg.

**LIST 1.50 EA.**  
(Pkg Ten Per Color)

### LARGE TEST CLIP TO BANANA JACK

This large test clip accepts a standard banana plug.  
**MATERIAL:** Clip, steel. Banana jack, brass.  
**FINISH:** Clip, cadmium plated. Banana jack, nickel plated.  
**INSULATION:** Vinyl, black.



**MODEL**  
5059  
(unassembled)

**LIST 2.70**

# POMONA

## COAXIAL ADAPTERS

### ADAPTERS WITHIN SERIES

**SHELL:** Brass, tarnish resistant plated.  
**INSULATION:** Teflon.  
**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated.  
**RATING:** 500 VRMS Max.(Except as noted.), -65°C. (-85°F.) to +165°C. (+329°F.)  
**IMPEDANCE:** 50 Ohms.

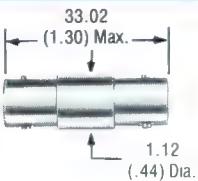


FIG. 1

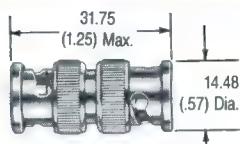


FIG. 2

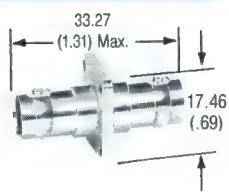


FIG. 3  
See Cutout 1

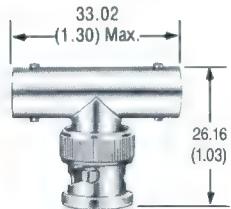


FIG. 4

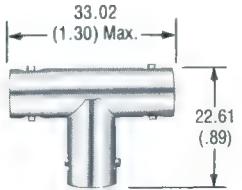


FIG. 5

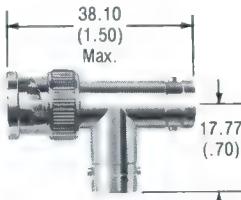


FIG. 6

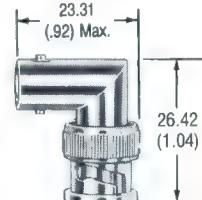


FIG. 7

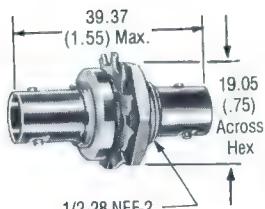


FIG. 8  
See Cutout 2

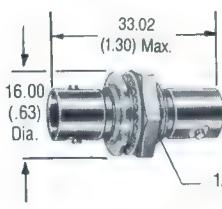


FIG. 9  
See Cutout 2



FIG. 10

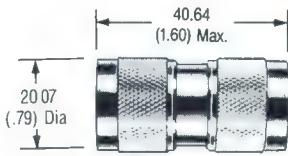


FIG. 11

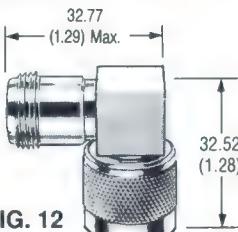


FIG. 12

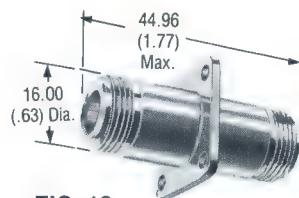


FIG. 13  
See Cutout 3

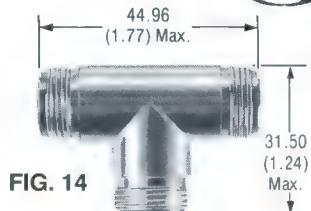
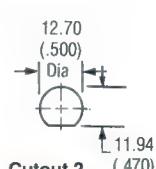


FIG. 14

PANEL CUTOUTS

Flange Thickness  
2.29 (.09)

Cutout 1



Cutout 2



Cutout 3

a) Mounting hardware is isolated from outerconductor of BNC.  
b) Leakage rate less than  $10^{-7}$  cc/sec of tracergas at one atmosphere.

	FIG.	MODEL	Special Features	LIST
BNC (f/f)	1	3283		4.15
BNC (m/m)	2	3533		7.80
BNC (f/f)	3	4895		10.25
BNC (f/m/f)	4	3285		10.95
BNC (f/f/f)	5	3284		12.10
BNC (m/f/f)	6	4896		16.90
BNC (f/m)	7	3534		9.50
BNC (f/f)	8	3847	Hermetically Sealed b)	10.95
BNC (f/f)	9	3846	Isolated Ground a)	13.40
"N" (f/f)	10	3841		9.20
"N" (m/m)	11	3842		10.30
"N" (f/m)	12	3843	Operating Voltage 1000 VRMS Max.	16.00
"N" (f/f)	13	4956		18.40
"N" (f/f/f)	14	5089		18.35
TNC (f/f)	15	4940		7.95

### BNC WITHIN SERIES ADAPTER KIT

Kit contains one each:

3283 BNC Female to Female  
3284 BNC T (Female/Female/Female)  
3285 BNC T (Female/Male/Female)  
3533 BNC Male to Male  
3534 BNC Right Angle Male to Female  
4896 BNC T (Male/Female/Female)

MODEL
5511

LIST 55.00



# POMONA

## COAXIAL ADAPTERS

### ADAPTERS BETWEEN SERIES

**SHELL:** Brass, tarnish resistant plated.  
**INSULATION:** Teflon. (Models 3286 & 3287, rexolite.)  
**CENTER CONTACT:** Male, brass. Female, beryllium copper. (Except as noted.) Gold plated.  
**RATING:** 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.) (Except as noted.)  
**IMPEDANCE:** 50 Ohms. (Except as noted.)

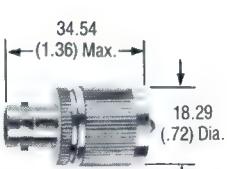
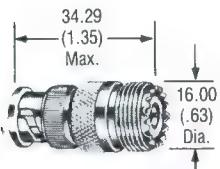
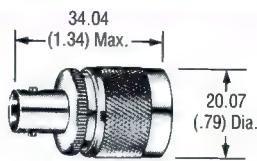
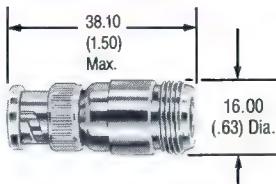


FIG. 3

FIG. 4



FIG. 5



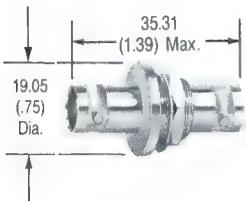
FIG. 6



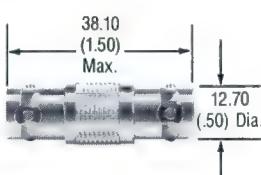
FIG. 7

Type	FIG.	MODEL	Special Features	Temp. Range	LIST
BNC (m) / "N" (m)	1	3535			10.75
BNC (f) / "N" (m)	2	3288	Beryllium Copper Male Contact		7.50
BNC (m) / UHF (f)	3	3287	Phos. Bronze Contact Nonconstant Impedance	-55°C. (-67°F.) to +85°C. (+185°F.)	10.85
BNC (m) / UHF (m)	4	3286	Nonconstant Impedance	-55°C. (-67°F.) to +85°C. (+185°F.)	7.15
BNC (m) / C' (f)	5	3845	Beryllium Copper Male Contact		14.85
BNC (m) / TNC (f)	6	5086			10.25
BNC (f) / TNC (m)	7	3844			11.45

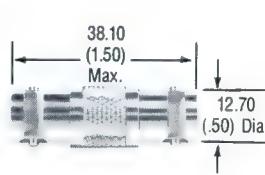
### TRIAXIAL ADAPTERS WITHIN SERIES, FEMALE



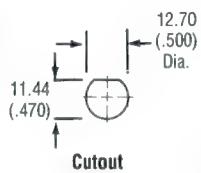
MODEL 5178  
See Cutout



MODEL 5278

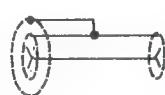


MODEL 5290



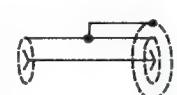
Max. Panel  
Thickness  
6.35 (.25)

### TRIAXIAL TO BNC ADAPTERS



TRIAX

BNC



BNC

TRIAX

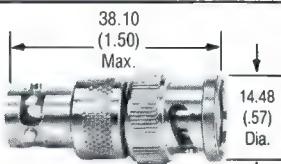


FIG. 8

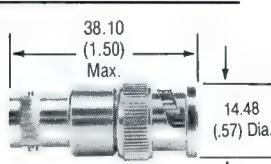


FIG. 9

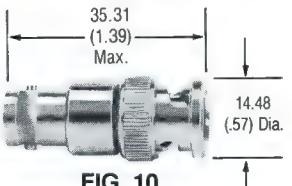


FIG. 10

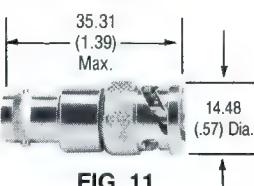


FIG. 11

TYPE	FIG.	MODEL	LIST
3 Lug Triax (f)/BNC (m)	1	5299	19.10
2 Lug Triax (f)/BNC (m)	2	5298	17.90
BNC (f)/2 Lug Triax (m)	3	5090	17.00
BNC (f)/3 Lug Triax (m)	4	5300	17.50

# POMONA

## UNIVERSAL ADAPTER KITS

Model 5698 and 5748 Adapter Kits allow users to make their own adapter combinations, such as SMA to BNC or BNC to double banana plugs. Adapter ends are joined with coupling nuts. Simply choose your own combination. All connectors feature gold plated center contacts and silver plated bodies.



### Rating:

#### Operating Temperature

Coaxial connectors:

-67°F. to +302°F. (-55°C. to +150°C.)

Banana Plug/Binding Post adapters:

+122°F. (+50°C.) Max.

#### Nominal Impedance:

BNC, SMA, TNC, "N", Mini-UHF,

sampler:

50 Ohms.

"F": 75 Ohms.

RCA, UHF: Non-constant.

### Operating Voltage

"N", couplers: 1,000 VRMS Max.

BNC, TNC, UHF, "F", Banana Plugs,

Binding Posts: 500 VRMS Max.

SMA connectors: 335 VRMS Max.

"F": RCA: 100 VMRS.

Mini UHF: 1 GHz

### Materials and Finish:

BNC, SMA, TNC, "N", UHF, Mini UHF,

coupler

Center Contact: Gold plated phosphor bronze

Dielectric: Teflon

Shell: Silver plated brass.

Double Banana Plug

Banana Plug: Nickel plated beryllium copper spring.

Coupler: Gold plated brass contact.

Insulation: ABS, black.

Double Binding Post Adapter

Binding Post: Nickel plated brass.

Polycarbonate insulation, one black

and one red.

Insulation: ABS, black.

Coupler: Gold plated brass center contact.

## UNIVERSAL ADAPTER KIT

The Universal Adapter Kit, Model 5698 contains 2 pcs. each: BNC Male, BNC Female, TNC Male, TNC Female, SMA Male, SMA Female, "N" Male, "N" Female, four intermediate Couplers, one Double Banana Plug and one Double Banna Jack.



MODEL	LIST
5698	99.00

## MAXI UNIVERSAL ADAPTER KIT

The Maxi Adapter Kit, Model 5748 contains 2 pcs. each: BNC Male, BNC Female, TNC Male, TNC Female, SMA Male, SMA Female, "N" Male, "N" Female, UHF Male, UHF Female, Mini UHF Male, Mini UHF Female, "F" Male, "F" Female, RCA Male, RCA Female, six intermediate Couplers, one Double Banana Plug, one Double Banna Jack and one Sampler.



MODEL	LIST
5748	199.00

## ADAPTER KIT ACCESSORIES

Individual adapters for the Universal Adapter Kits are also available.

Coupling nut Adapter to	Model No.	Used in Kit No.		LIST	Coupling nut Adapter to	Model No.	Used in Kit No.		LIST
		5698	5748				5698	5748	
BNC (m)	5735	2	2	4.20	Mini UHF (m)	5753		2	3.50
BNC (f)	5739	2	2	3.40	Mini UHF (f)	5757		2	3.30
TNC (m)	5736	2	2	4.20	RCA (m)	5754		2	5.50
TNC (f)	5740	2	2	3.50	RCA (f)	5758		2	5.70
SMA (m)	5737	2	2	3.60	F (m)	5759		2	5.10
SMA (f)	5741	2	2	3.30	F (f)	5755		2	4.80
N (m)	5734	2	2	4.60	Coupler	5742	4	6	3.40
N (f)	5738	2	2	3.70	Dbl Banana Plug	5743	1	1	10.90
UHF (m)	5752	2	2	4.60	Dbl Binding Post	5744	1	1	13.20
UHF (f)	5756	2	2	3.50	Sampler	5760	1	1	16.00

## UNIVERSAL COUPLING NUT CABLE ASSEMBLY

This cable allows the user to make cable assemblies from any of the coaxial adapters in the Universal or Maxi Adapter Kits. Individual connectors can be threaded onto the coupling nut on each end of the cable for additional utility.



MODEL	Length	LIST
5749-36	914.4 (36.0)	11.00
5749-72	1828.8 (72.0)	13.10

1ST END: Threaded Coupling Nut. Gold plated center contact.

CABLE: RG 58C/U O.D. 4.95 (.195) O.D. 2ND END: Same as first end.



# POMONA

## SMA ADAPTERS

**SHELL:** SMA, beryllium copper.  
**All others:** brass.  
**INSULATION:** Teflon.  
**CENTER CONTACT:** Male, brass.  
 Female, beryllium copper.  
**FINISH:** Gold plated.  
**RATING:** 335 VRMS Max., Impedance: 50 Ohms.

These SMA adapters meet the requirements of MIL-A-55339. The 50 Ohm subminiature series RF connectors are especially adaptable to microwave component applications, such as couplers, dividers and mixers.

Thread SMA Male: 1/4-36 UNS-2B, SMA Female: 1/4-36 UNS-2A.

Frequency range: SMA to BNC: 0-4 GHz.  
 SMA to TNC and SMA to N: 0-11 GHz.  
 Within Series SMA: 0-12 GHz.

Temperature range: -65°C. (-85°F.) to +165°C. (+329°F.)

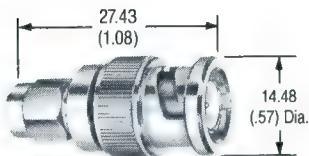


FIG. 1



FIG. 2

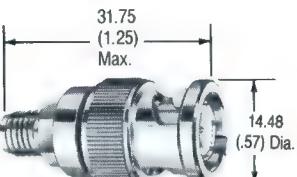


FIG. 3

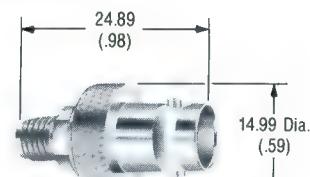


FIG. 4

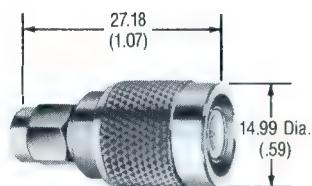


FIG. 5

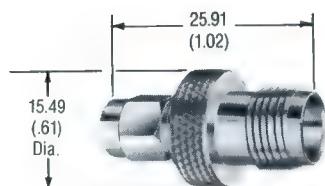


FIG. 6



FIG. 7

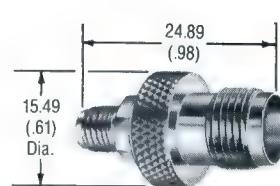


FIG. 8

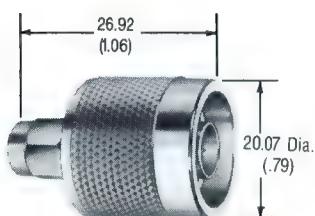


FIG. 9

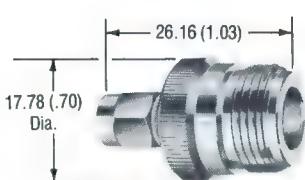


FIG. 10



FIG. 11

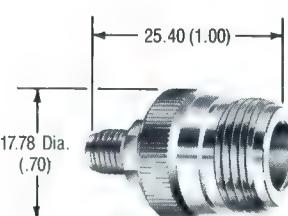


FIG. 12

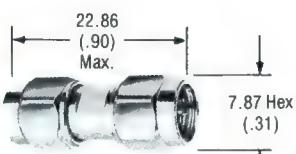


FIG. 13

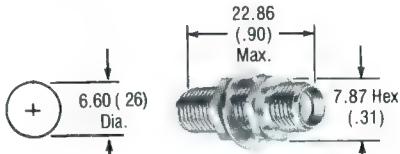


FIG. 14

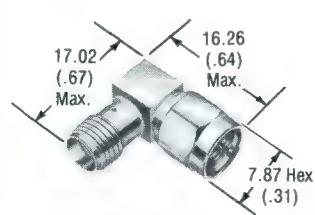


FIG. 15

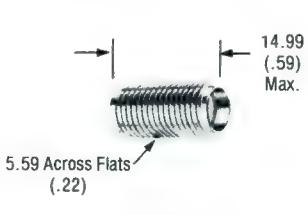


FIG. 16

STYLE	FIG.	MODEL	LIST
SMA (m)/BNC (m)	1	4288	25.85
SMA (m)/BNC (f)	2	4290	20.40
SMA (f)/BNC (m)	3	4289	26.80
SMA (f)/BNC (f)	4	4291	20.70
SMA (m)/TNC (m)	5	4292	35.50
SMA (m)/TNC (f)	6	4294	27.35
SMA (f)/TNC (m)	7	4293	30.95
SMA (f)/TNC (f)	8	4295	27.55
SMA (m)/TNC (m)	9	4296	32.95
SMA (m)/N" (f)	10	4298	27.30
SMA (f)/N" (m)	11	4297	30.80
SMA (f)/N" (f)	12	4299	23.60
SMA (m/m)	13	4283	28.70
SMA (f/f)	14	4285	40.50
SMA (f/m)	15	4282	41.40
SMA (f/f)	16	4284	28.65

# POMONA

## COAXIAL ACCESSORIES/TERMINATIONS

### BNC 50 OHM ATTENUATORS

For use with pulse, microwave, or UHF instruments.

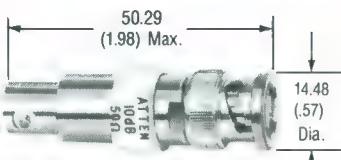
50 Ohm, metal film resistor, deposited nichrome over ceramic core, 2 watt T-Pad network. White nylon anti-roll sleeve.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated.

**RATING:** Operating Voltage: 10 VRMS Max.; 2 Watts @ 25°C.



LIST 49.95

MODEL	Attenuation
4108-3dB	3dB
4108-6dB	6dB
4108-10dB	10dB
4108-14dB	14dB
4108-20dB	20dB

VSWR	Attenuation Tolerance
1.1 to 1GHz	± 0.4 dB to 1GHz
1.2 to 2GHz	± 0.45dB to 2GHz
1.35 to 4GHz	± 0.65dB to 4GHz
1.45 to 6GHz	± 0.75dB to 6GHz
1.65 to 8GHz	± 1.0 dB to 8GHz

### BNC FEED THRU SERIES CAPACITOR

Provides a DC block for sensitive RF measurements.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated.

**RATING:** 1000 pF; 600 VDC; +102°C. (+216°F.) Max.



LIST 20.95

### BNC RESISTOR TERMINATED MALE PLUG

Ideal for terminating coaxial lines. 1%, 1/2 Watt, deposited carbon resistor. 88.9 (3.5) bead chain with 3.56 (.14) dia. hole in lug. Resistance value marked on white nylon anti-roll sleeve.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Brass, gold plated.

**RATING:** Frequency Range: DC to 500 MHz, Power: 1.2W @ 70°C. Max.



LIST 8.95

### TYPE "N" RESISTOR TERMINATED MALE PLUG

Ideal for terminating coaxial lines. 1%, 1 Watt, deposited carbon resistor. 127 (5.0) bead chain with 3.56 (.14) dia. hole in lug. Resistance value marked on white nylon anti-roll sleeve.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Brass, gold plated.

**RATING:** Frequency Range: DC to 500 MHz, Power: 1W @ 70°C. Max.



LIST 18.55

MODEL	Resist. in Ohms
3840-50	50
3840-75	75
3840-93	93
3840-100	100
3840-600	600

### BNC FEED-THRU SERIES RESISTOR

Ideal for adding in series resistance to coaxial lines with BNC connectors. 1%, 2 Watt, non-inductive film resistor. Resistance value marked on white nylon anti-roll sleeve.

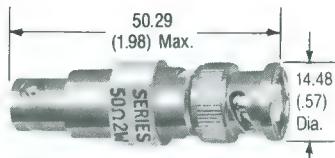
**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass.

Female, beryllium copper. Gold plated.

**RATING:** Operating Voltage: 500 VRMS Max.; Frequency Range: DC to 500 MHz; +102°C. (+216°F.) Max.



LIST 22.95

### BNC FEED-THRU TERMINATION

Ideal for terminating pulse, microwave or UHF instruments in their characteristic impedance. Termination carbon film resistor, deposited over ceramic core, 2%, 2W. Resistance value marked on white nylon anti-roll sleeve.

**SHELL:** Brass, tarnish resistance plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass.

Female, beryllium copper. Gold plated.

**RATING:** Frequency Range: DC to 500 MHz, +102°C. (+216°F.) Max.



LIST 39.95

### BNC TERMINATION KIT



Kit contains one each:

3840-50	50 Ohms
3840-75	75 Ohms
3840-93	93 Ohms
3840-100	100 Ohms
3840-600	600 Ohms

MODEL
5512

LIST 41.00

### BNC 50 OHM ATTENUATOR KIT



Kit contains one each:

4108-3dB	3dB Attenuation
4108-6dB	6dB Attenuation
4108-10dB	10dB Attenuation
4108-14dB	14dB Attenuation
4108-20dB	20dB Attenuation

MODEL
5513

LIST 225.00

# POMONA

## PANEL / BULKHEAD RECEPTACLES

### BULKHEAD RECEPTACLES

**SHELL:** Brass, tarnish resistant plated. (SMA, beryllium copper, gold plated.)

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. (UHF, phosphor bronze.) Gold plated.

**RATING:** 500 VRMS Max., (Type N, 1000 VRMS Max., SMA, 335 VRMS Max.) -65°C. (-85°F.) to +165°C. (+329°F.)

**IMPEDANCE:** 50 Ohms (Except as noted.)



FIG. 3  
Cutout 1

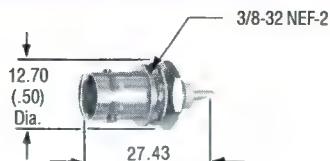


FIG. 1  
Cutout 1

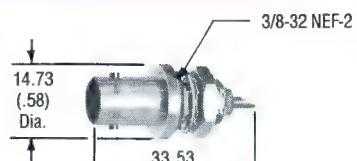


FIG. 2  
Cutout 2

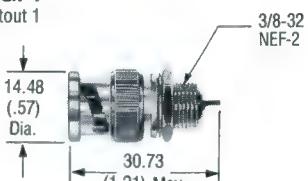


FIG. 4  
Cutout 1

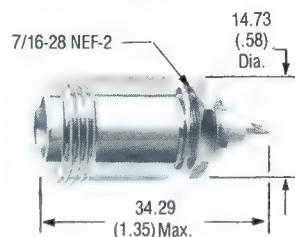
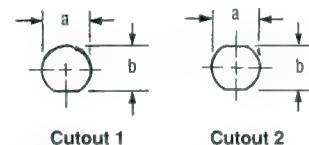


FIG. 5  
Cutout 1



FIG. 6  
Cutout 1



PANEL CUTOUTS

a) Rated to 50 PSI.

b) Leakage rate less than 10<sup>-7</sup> cc/sec of tracer gas at one atmosphere.

c) Standard BNC interface.

	FIG.	MODEL	Special Features	Max. Panel Thickness	a	b	LIST
BNC (f)	1	4160	75 Ohms c)	3.30 (.13)	8.89 (.350)	3.05	
BNC (f)	1	5081				8.95	
BNC (f)	2	4158	Pressurized a)	6.10 (.24)	9.53 (.375)	8.64 (.340)	8.50
BNC (f)	3	4159	Hermetically Sealed b)			8.89 (.350)	10.30
BNC (m)	4	4979		4.83 (.19)		9.85	
"N" (f)	5	4889				6.60 (.26)	11.51 (.453)
SMA (f)	6	5608	Gold Plated	3.05 (.12)	6.48 (.255)	6.10 (.240)	12.50

### ISOLATED GROUND FEMALE BULKHEAD RECEPTACLES

These connectors have the outer conductor isolated from the panel. Excellent for use with equipment requiring a floating ground. Mounts in panels up to 4.57 (.18) thick.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon. (Except as noted.)

**CENTER CONTACT:** Beryllium copper, gold plated.

**RATING:** 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)

**IMPEDANCE:** 50 Ohms (Except as noted.)

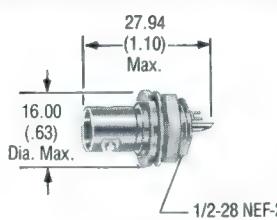


FIG. 1  
See Cutout 1



FIG. 2  
See Cutout 2

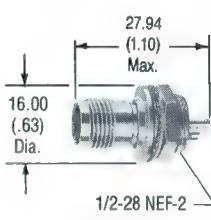
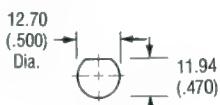


FIG. 3  
See Cutout 1



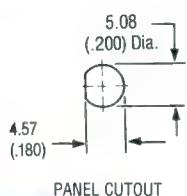
CUTOUT 1



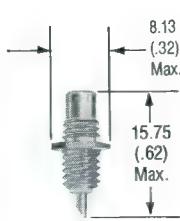
CUTOUT 2

a) Standard BNC interface.

### SMC BULKHEAD, MALE (JACK)

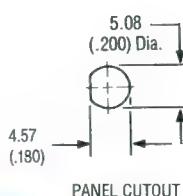


PANEL CUTOUT



LIST 5.15

### SMB BULKHEAD, MALE (JACK)



PANEL CUTOUT



LIST 5.45

# POMONA

## PANEL / BULKHEAD RECEPTACLES

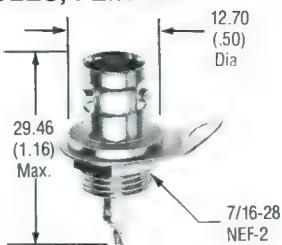
### TRIAXIAL BULKHEAD RECEPTACLES, FEMALE

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-49142.

**RATING:** 500 VRMS, Frequency Range: DC to 500 MHz, -65°C. (-85°F.) to +165°C. (+329°F.)



**MODEL 5219**

See Cutout 1



**MODEL 3580**

See Cutout 2



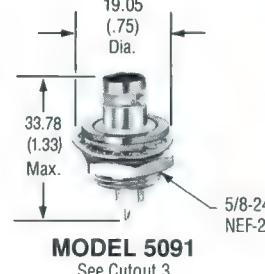
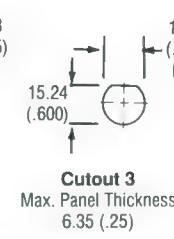
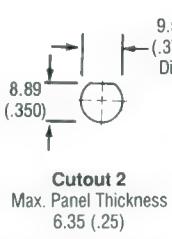
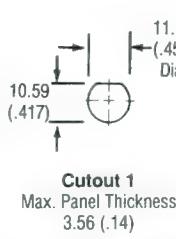
**MODEL 4388**

See Cutout 2

a) Leakage less than  $10^{-7}$  cc/sec tracer gas at one atmosphere.

b) Mounting hardware is isolated from outer conductor.

MODEL	Special Features	LIST
3580	2 Lug Hermetically Sealed a) Isolated Ground b)	12.85
4388		65.70
5091		17.60
5219	3 Lug	13.20



**MODEL 5091**

See Cutout 3

### PANEL RECEPTACLES

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. (UHF, brass.) Gold plated.

**RATING:** 500 VRMS Max. (Except as noted)  
-65°C. (-85°F.) to +165°C. (+329°F.)

**IMPEDANCE:** 50 Ohms.

Flange Thickness 2.29 (.09)



**FIG. 1**



**FIG. 2**



**FIG. 3**

TYPE	FIG.	MODEL	Special Features	Panel Cutout	LIST
BNC (m)	1	2447		1	8.05
BNC (f)		2451			4.00
"N" (m)	3	2454	Operating Voltage 1000 VRMS Max.	2	19.50
"N" (f)		2455			7.20

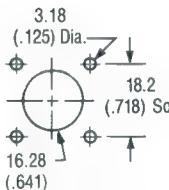


**FIG. 4**



Cutout 1

PANEL CUTOUTS



Cutout 2

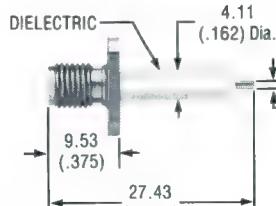
### SMA PANEL RECEPTACLES

**SHELL:** Models 4809 & 4808, Passivated Steel. Models 4850 & 4849, Stainless Steel, gold plated.

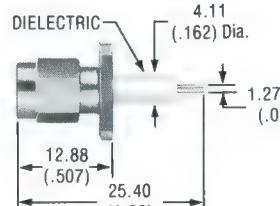
**INSULATION:** Teflon.

**CENTER CONTACT:** Beryllium copper, gold plated.

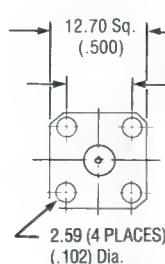
**RATING:** 335 VRMS Max., Impedance: 50 Ohms, -65°C. (-85°F.) to +165°C. (+329°F.)



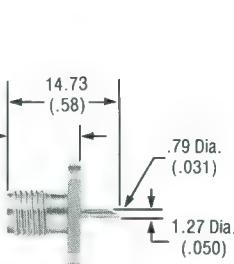
**FIG. 1**



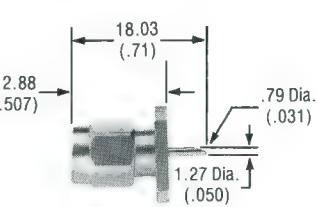
**FIG. 2**



PANEL CUTOUT  
Flange thickness 1.65 (.065)



**FIG. 3**



**FIG. 4**

TYPE	FIG.	MODEL	LIST
SMA (f)	1	4809	11.15
SMA (m)	2	4808	19.80
SMA (f)	3	4850	17.00
SMA (m)	4	4849	38.00

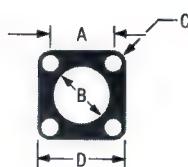
# POMONA

## COAXIAL ACCESSORIES

### RFI/EMC CONNECTOR FLANGE GASKET

This RFI/EMC connector flange gasket has an adhesive back for simple installation. Monel metal fibers imbedded in this silicone rubber gasket suppresses RFI/EMC radiation. Model 4780 fits standard BN/BNC flanges and Model 4795 fits standard type "N" and UHF flanges.

MODEL	A(Sq.)	B Dia.	C Dia.	D(Sq.)	LIST
4780	12.70(.50)	11.10(.437)	2.77(.109)	17.53(.69)	5.40
4795	18.30(.72)	15.88(.625)	4.37(.172)	25.40(1.00)	4.00



## COAXIAL PC MOUNTS

### BNC RIGHT ANGLE FEMALE PC MOUNT

Permits the installation of a right angle BNC female directly to a  $\frac{1}{16}$ " thick printed circuit board.

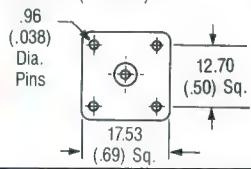
**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Beryllium copper, gold plated.

**PC PINS:** Brass, silver plated.

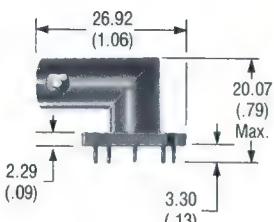
**RATING:** Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL

4788

LIST 13.85



### BNC FEMALE PC MOUNT

Permits BNC male to be used with  $\frac{1}{16}$ " thick printed circuit boards.

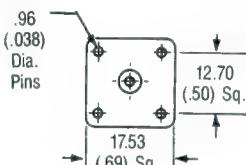
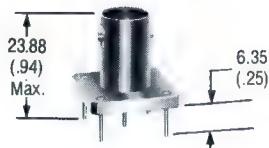
**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Beryllium copper, gold plated.

**PC PINS:** Brass, silver plated.

**RATING:** Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL  
4578

LIST 8.75

### SMA RIGHT ANGLE FEMALE PC MOUNT

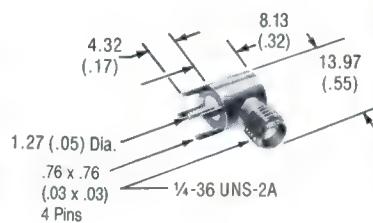
Permits the installation of a right angle SMA female directly to a  $\frac{1}{4}$ " printed circuit board.

**SHELL:** Beryllium copper, gold plated per requirements of MIL-C-39012.

**INSULATION:** Teflon.

**CENTER CONTACT:** Beryllium copper, gold plated.

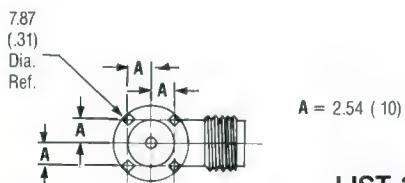
**RATING:** Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms, -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL

4991

LIST 34.45



### SMB RIGHT ANGLE MALE (JACK) PC MOUNT

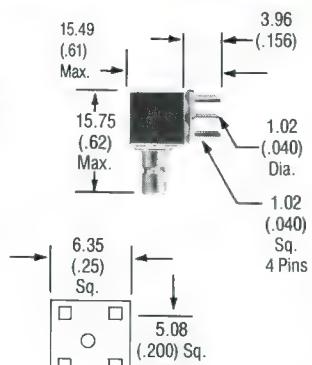
The SMB connectors feature a "snap-on" design for ease in making tight RF connections. Permits SMB male to be used with  $\frac{1}{8}$ " printed circuit board.

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Brass, gold plated.

**RATING:** Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL

5384

LIST 11.45

### SMB RIGHT ANGLE BULKHEAD JACK PC MOUNT

The SMB "snap-on" also features a bulkhead fitting for attachment to black boxes and PC boards. Permits SMB male to be used with  $\frac{1}{8}$ " printed circuit board.

**SHELL:** Brass, tarnish resistant plated.

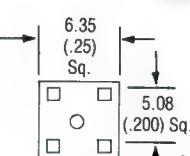
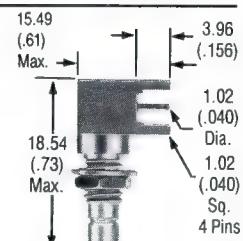
**INSULATION:** Teflon.

**CENTER CONTACT:** Brass, gold plated.

**RATING:** Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)

MODEL  
5365

LIST 32.30



LIST 11.25

# POMONA

## COAXIAL ACCESSORIES

### DUST CAPS FOR COAXIAL CONNECTORS

**SHELL:** Brass, tarnish resistant plated.

MODEL	Type	LIST
3839	BNC	2.45
4157		3.35
4890	UHF or N	5.70



MODEL 3839



MODEL 4157



MODEL 4890

### BNC SHORTING PLUG

Use this BNC shorting plug to protect sensitive instrument inputs or to provide a necessary reference short.

**SHELL:** Brass, tarnish resistant plated.

**CENTER CONTACT:** Brass, gold plated.

**RATING:** Operating Voltage: 500 VRMS Max.



MODEL
5085

LIST 6.35

### SMA SHORTING PLUG

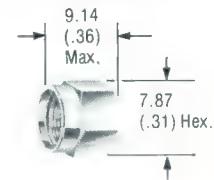
Use this SMA shorting plug to protect sensitive instrument inputs or to provide a necessary reference short.

**SHELL:** Steel, gold plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Steel, gold plated.

**RATING:** Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms.



MODEL
5088

LIST 17.25

## STRESS RELIEF BOOTS

Pomona Electronics offers stress relief boots, molded in PVC to protect cables from wear, fatigue and weathering. Ten colors provide a convenient key for cable identification. These unique boots are available in three styles.

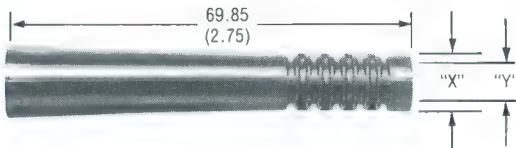
### STRESS RELIEF BOOT

For use with crimp-on type connectors.

**MATERIAL:** PVC.

**RATING:** +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5076-**	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	.50 EA
5077-*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	.50 EA
5078-**	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	.50 EA

(Pkg. Ten Per Color)

### STRESS RELIEF BOOT WITH CLAMP NUT

For use with connectors using a 7/16-28 clamp nut. Simply replace the supplied clamp nut with the one on the stress relief boot.

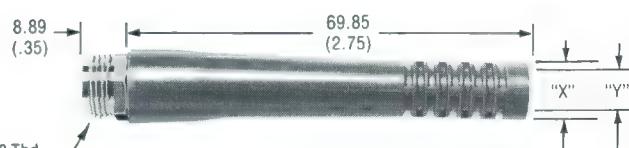
**CLAMP NUT:** Brass, nickel plated.

**BOOT:** PVC.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

**\*\*STD COLORS:** -0 Black, -2 Red.



MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5076-*	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	2.25
5077-*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	2.25
5078-*	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	2.25

## SMA TERMINATIONS

### FEMALE TERMINATION

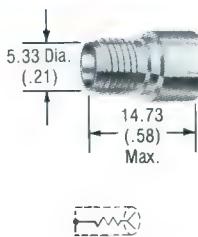
**SHELL:** Beryllium copper.

**INSULATION:** Teflon.

**CENTER CONTACT:** Beryllium copper.

**FINISH:** Gold plated.

**RATING:** Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms, VSWR: 1.25 Max to 18 GHz; ½ Watt; Temperature: -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4287

LIST 84.95

### MALE TERMINATION

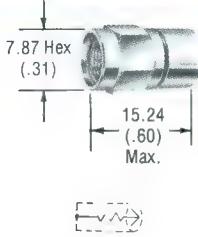
**SHELL:** Beryllium copper.

**INSULATION:** Teflon.

**CENTER CONTACT:** Brass.

**FINISH:** Gold plated.

**RATING:** Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms, VSWR: 1.25 Max to 18 GHz; ½ Watt; Temperature: -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4286

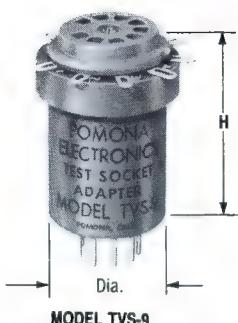
LIST 73.05

# POMONA

## TUBE TEST SOCKET ADAPTERS

### TEST SOCKET TUBE ADAPTERS

Ideal for making measurements of voltage, resistance, audio and video without tracing complicated circuits from the bottom of the chassis. They feature: Extended test tabs for easy use with either alligator or test prods; low loss mica-filled molded phenolic construction per MIL-M-14, MFE. Power factor less than 0.010 at 10 MHz; high insulation resistance, the I.R. exceeds 500,000 megohms at 40% R.H., at 24°C; distributed capacity, inter-element approximately 1 pico farad; high voltage operation, voltage breakdown elements exceeds 1,700 VAC or DC. Model TVS-8 has 2.36 mm (.093) dia. pins. All other models have 1.02 mm (.040) dia. pins.



### SURFACE MOUNTED BREADBOARD SOCKETS

Surface mounted breadboard sockets are ideal for experimental circuit design, portable and enclosed units, plug-in and packaged assemblies. They feature: An insulated base to prevent connections from shorting to chassis; elimination of double chassis design; circuits may be wired in an enclosed unit; base connections are numbered for easy identification; grade A phosphor bronze spring contacts; standard center to center mounting holes. For ease of installation the 7 and 9 pin miniatures may be mounted either in the center or on the sides, the 8 pin octal is mounted on the sides; small mounting holes permits the reuse of experimental chassis.



MODEL	Type	Size H x Dia.	Pin Circle Dia.	LIST
TVS-7	7 Pin Miniature	36.07(1.42) x 19.05 (.75)	9.53(.375)	15.70
TVS-8	8 Pin Octal	27.94(1.10) x 29.46(1.16)	17.45(.687)	20.05
TVS-9	9 Pin Miniature	35.56(1.40) x 22.10 (.87)	11.89(.468)	18.30

MODEL	Pin Circle Dia.	LIST
XS-7	9.53(.375)	4.75
XS-8	17.45(.687)	6.15
XS-9	11.89(.468)	5.45

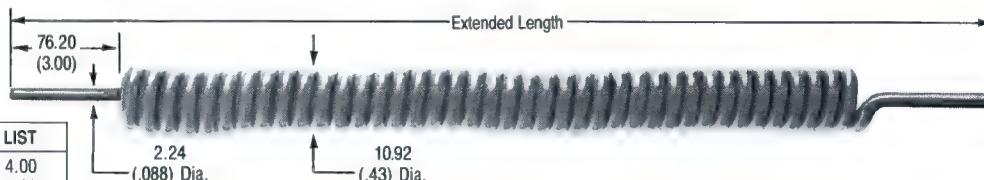
## WIRE/PATCH CORD

### RETRACTILE (COILED) PATCH CORD 26 AWG

**WIRE:** Single conductor, 26 AWG, strand, 10 X 36 non-tinned copper, polyurethane insulation, 2.24 (.088) O.D.

**RATING:** 1000 VDC, 3 Amps; +80°C. (+176°F.) Max.

\*STD COLORS: -0 Black, -2 Red.



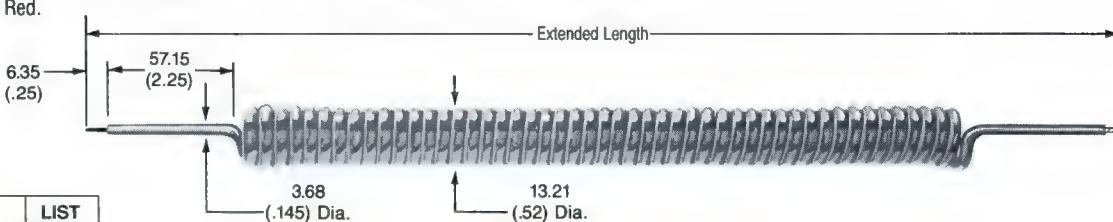
MODEL	Extended Length	LIST
5205-36*	914.4 (36.0)	4.00
5205-48*	1219.2 (48.0)	5.00
5205-60*	1524.0 (60.0)	6.00

### RETRACTILE (COILED) PATCH CORD 20 AWG

**WIRE:** Single conductor, 20 AWG, strand, 42 X 36, PVC insulation, 3.71mm (.146) O.D.

**RATING:** 3000 VDC Int; 270 VDC-90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.

\*STD. COLORS: -0 Black, -2 Red.



MODEL	Length	LIST
5202-*	1524.0 (60.0)	7.45

This is the same quality wire that Pomona uses on their patch cords throughout the catalog. It is available for purchase in 152.4 meter (500 foot) reels. This wire is ideal for do-it-yourself test leads or point-to-point electrical connections.

### 18 AWG WIRE

#### SPECIFICATIONS:

**STRANDING:** 65 X 36 tinned copper.

**O.D.:** 3.66 mm (.144).

**JACKET:** PVC

**TEMP. RANGE:** -20°C. (-4°F.) to +105°C. (+221°F.)

**RATING:** 15 Amps Max, 5000 WVDC. Max.

\*STD. COLORS: -0 Black, -2 Red.



MODEL
4418-*

**LIST 155.00**  
(Std. Pkg. 500' Reel)

### 20 AWG WIRE

#### SPECIFICATIONS:

**STRANDING:** 41 X 36 tinned copper.

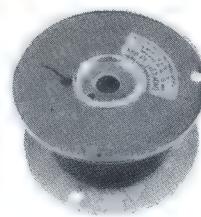
**O.D.:** 2.21 (.087)

**JACKET:** PVC

**TEMP. RANGE:** -20°C. (-4°F.) to +105°C. (+221°F.)

**RATING:** 5 Amps Max., 3000 WVDC Max.

\*STD. COLORS: -0 Black, -2 Red.



MODEL
4420-*

**LIST 125.00**  
(Std. Pkg. 500' Reel)

# POMONA

## COAXIAL CONNECTORS

**SHELL:** Brass, tarnish resistant plated.  
**INSULATION:** Teflon. (UHF, phenolic)  
**CENTER CONTACT:** Male, brass. Female, beryllium copper.  
(UHF, brass) Gold plated.  
**RATING:** 500 VRMS Max. (Except as noted.)  
**IMPEDANCE:** 50 Ohms (Except as noted.)

See pages 57 & 58 for  
Cabling instructions.

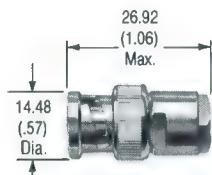


FIG. 1

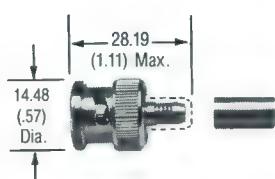


FIG. 2

	CABLE GROUPS RG/U
1	8, 8A, 9, 9A, 9B, 11, 11A, 13A, 213, 214, 216
2	142, 142A, 142B, 223
3	58, 58A, 58C, 141, 141A
4	59, 59A, 59B, 62, 62A, 62B, 62C, 210
5	71, 71A, 71B
6	174, 179A, 179B, 187, 187A, 188, 188A, 316

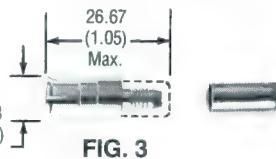


FIG. 3

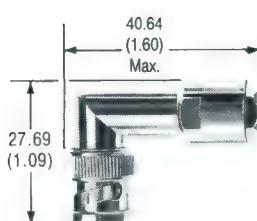


FIG. 4

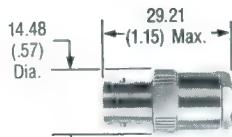


FIG. 5

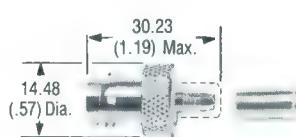


FIG. 6

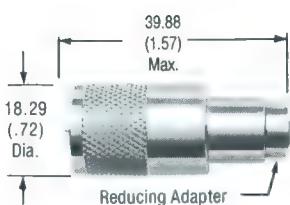


FIG. 7

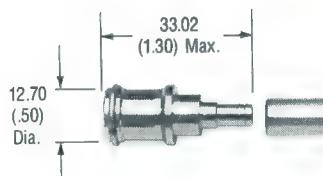


FIG. 8

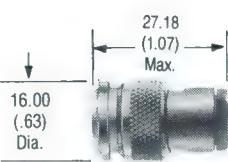


FIG. 9

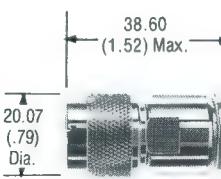


FIG. 10

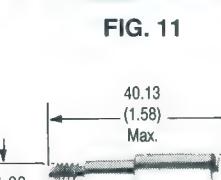


FIG. 11

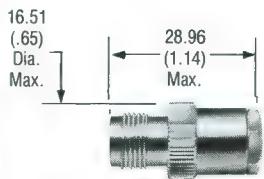


FIG. 12

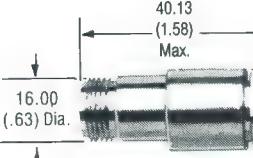


FIG. 13

(a) Standard BNC interface

# POMONA

## COAXIAL CONNECTORS

### BNC MALE "TWIST ON" CABLE PLUG FOR RG59 & 62 CABLE

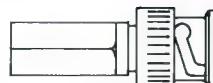
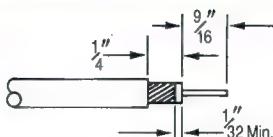
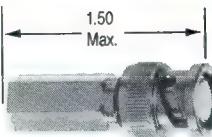
These connectors offer a quick and inexpensive solution for assembly in the field. Simply strip the cable to the center conductor and insert into the connector.

**SHELL:** Die cast zinc alloy. Nickel plated.

**INSULATION:** Thermoplastic.

**CENTER CONTACT:** Beryllium copper, nickel plated.

**RATING:** Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms.



Trim cable. Twist braid clockwise and expose dielectric to dim. shown.

Insert center conductor into connector and push as far as possible. Screw connector clockwise onto cable.

MODEL
5439

**LIST 5.45**

### BNC MALE WITH STRESS RELIEF BOOT

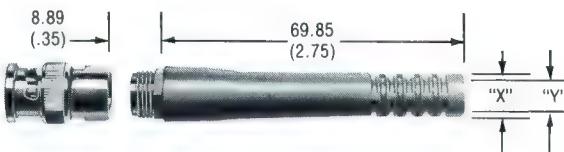
Make your own stress relieved cable. This model attaches to the end of a cable in the same way as an ordinary BNC connector.

**BOOT:** PVC.

**BNC MALE:** Body, brass, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



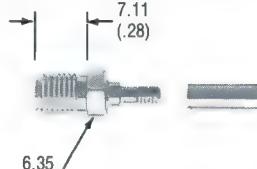
MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5066*	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	5.70
5067*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	5.70
5068*	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	10.30

### SMA CABLE PLUGS/JACKS

**SHELL:** Passivated Steel.

**INSULATION:** Teflon.

MODEL	Fits Cables RG	LIST
4804	174, 179, 187, 188, 316	13.80
4805		17.50
4859		13.70
4860	55, 142, 223	17.60



**MODELS 4805 & 4860**  
SMA (f)



**MODELS 4804 & 4859**  
SMA (m)

Note: Cabling instructions furnished on request.

## SMC CONNECTORS

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated.

**RATING:** Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms.

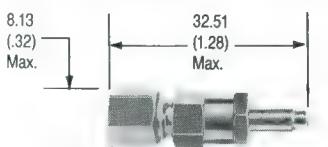
**FREQUENCY RANGE:** 0-4 GHz.

**TEMPERATURE RANGE:** -65°C. (-85°F.) to

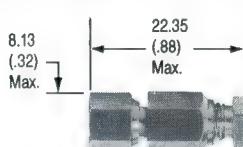
+165°C. (+329°F.)

**THREAD:** 10-32 UNF.

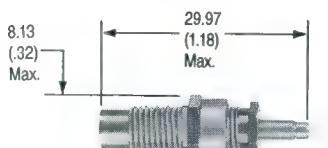
	CABLE GROUPS—RG/U
1	174, 179, 187, 188, 316
2	58, 142, 223



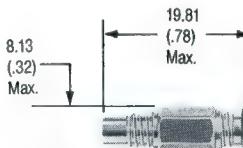
**MODELS 5366 & 5368**  
CABLE PLUG (Female)  
CRIMP TYPE



**MODELS 5367 & 5369**  
CABLE PLUG (Female)  
CLAMP TYPE



**MODELS 5370 & 5372**  
CABLE JACK (Male)  
CRIMP TYPE



**MODELS 5371 & 5373**  
CABLE JACK (Male)  
CLAMP TYPE

MODEL	Cable Group	LIST
5366	1	9.10
5367		12.60
5368	2	9.15
5369		12.60
5370	1	10.05
5371		10.10
5372	2	10.05
5373		10.05

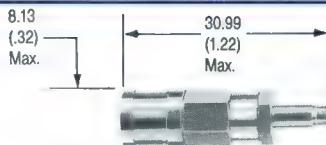
# POMONA

## SMB CONNECTORS

### SMB CABLE PLUGS/JACK

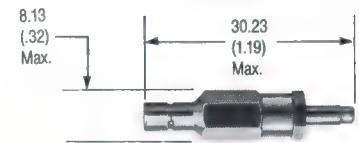
The SMB (Subminiature 'B') connectors snap together for quick assembly.

MODEL	Cable Group	LIST
5375	1	11.50
5376		12.90
5377	2	11.40
5378		12.95
5379	1	9.15
5380		10.00
5381	2	9.15
5382		10.05



MODELS 5375 & 5377

CABLE PLUG (Female)  
CRIMP TYPE



MODELS 5379 & 5381

CABLE JACK (Male)  
CRIMP TYPE



MODELS 5376 & 5378

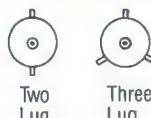
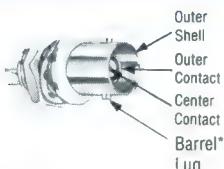
CABLE PLUG (Female)  
CLAMP TYPE



MODELS 5380 & 5382

CABLE JACK (Male)  
CLAMP TYPE

## TRIAXIAL CONNECTORS



\*Two lug model is shown. On units having three lugs, the spacing is 120°.

Triaxial connectors accommodate the need for low level signal patching and balanced line applications. Designed for use with double shielded single conductor or shielded twisted pair cable. These connectors feature a concentric design with center contact, outer contact and outer shell (see photo). This concentric design does not require matching of halves such as the polarized stepped insulator connectors.

### CABLE PLUGS/JACKS

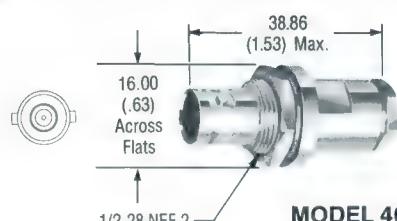
**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

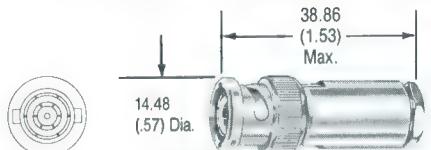
**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-49142.

**RATING:** Operating Voltage: 500 VRMS Max., Frequency range: DC to 500 MHz, -65°C. (-85°F) to +165°C. (+329°F.)

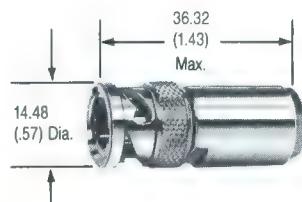
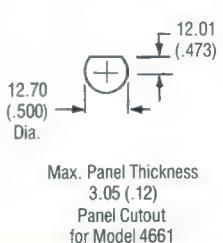
See page 59 for Cabling Instructions.



MODEL 4661  
TRIAX (f)



MODELS 3600 & 5056  
TRIAX (m)



MODEL 5218  
TRIAX (m)

## TWINAXIAL CONNECTORS

### TWINAX BULKHEAD RECEPTACLE

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-3655.

**RATING:** Panel Thickness: 3.30 mm (.13). Operating Voltage: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)

MODEL
4958



LIST 19.55

### TWINAX MALE CABLE PLUG

**SHELL:** Brass, tarnish resistant plated.

**INSULATION:** Teflon.

**CENTER CONTACT:** Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-3655.

**RATING:** Operating Voltage: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)

**CABLE TYPES:** RG 108 and Belden 9272.

MODEL
4957



See page 59 for Cabling Instructions. LIST 31.05

# POMONA

## AUDIO CONNECTORS GENERAL INFORMATION

ITT Pomona audio connectors are rugged, quick disconnect devices designed for use in audio systems and other applications where reliability and quiet operation are the password. These connectors have a solid, metal latching mechanism to assure positive, yet quick connect/disconnect. Some of the salient features are as follows:

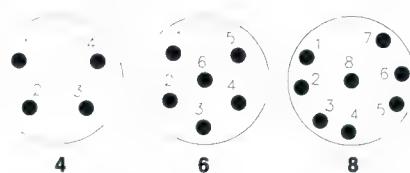
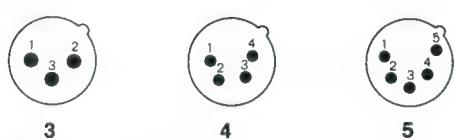
### EP SERIES

- Body, satin finish, nickel plated zinc or aluminum shell.
- Polyamide insulator.
- Contacts, tin plated machined copper alloy.
- Flexible PVC cable bushing.

### XLR TYPE

- Body, satin finish, nickel plated zinc or aluminum shell.
- Resilient socket insulator for excellent low noise/vibration performance.
- Contacts, tin plated, precision stamped copper alloy.
- Nickel plated steel barrel.
- Contact 1 engages before signal contacts.
- Cable clamp accommodates cable sizes 3mm to 8mm dia.

### CONTACT ARRANGEMENT AND GENERAL PERFORMANCE



Number of Contacts	3	4	5	4	6	8
Current Rating	15 A	10 A	7.5 A	20A	20A	15A
Test Voltage	1400 VDC	1400 VDC	1400 VDC	3000 VDC	1600 VDC	1300 VDC
Operating Voltage	133 VRMS	133 VRMS	133 VRMS	660 VRMS	200 VRMS	100 VRMS
Temperature Range	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)

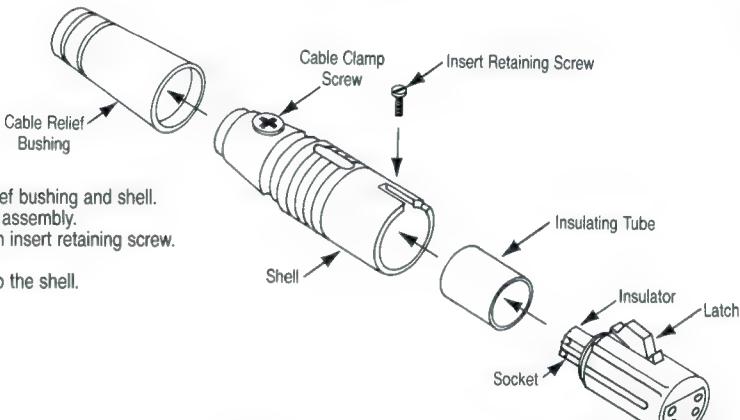
### ASSEMBLY

No. of Contacts	A Dimension (strip length)
3	6.40 (.250)
4	5.60 (.220)
5	5.10 (.200)

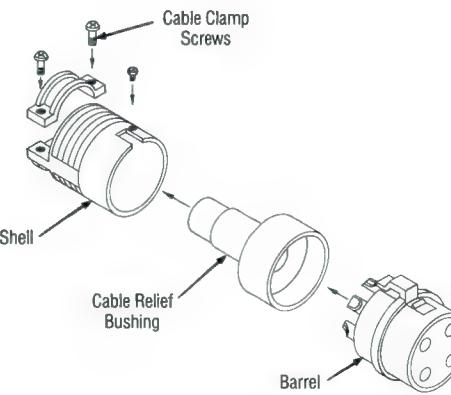
#### Strip Wire

1. Insert cable through cable relief bushing and shell.
2. Solder leads to socket/barrel assembly.
3. Slide shell forward and tighten insert retaining screw.
4. Tighten cable clamp screw.
5. Push cable relief bushing onto the shell.

Note: For cable size between 5.7mm and 8.0mm, cut cable relief bushing at groove.



1. Insert cable through shell and cable relief bushing.
2. Solder cable to insert assembly.
3. Slide shell forward and tighten insert screw.
4. Tighten cable clamp screws.



### Additional products for the audio market:

Double Banana Plug, Model **MDP**

Page 22

Hex Head Binding Post, Model **5018**

Page 30

Single Nickel and Gold Plated Banana Plugs,  
Models **1325**, **5169** and **5406**

Page 20

Standard Nickel and Gold Plated Binding Posts,  
Models **3760** and **3750**

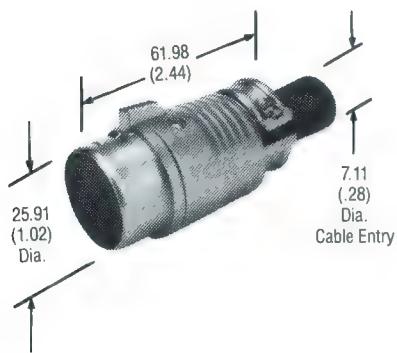
Page 30

# POMONA

## AUDIO CONNECTORS—EP SERIES

### STRAIGHT CORD PLUG — FEMALE

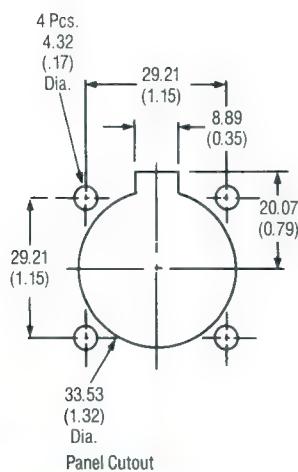
This cord plug accepts all male receptacles with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	LIST
5557	4	23.90
5558	6	27.70
5559	8	31.70

### WALL/FLOOR MOUNT RECEPTACLE—FEMALE

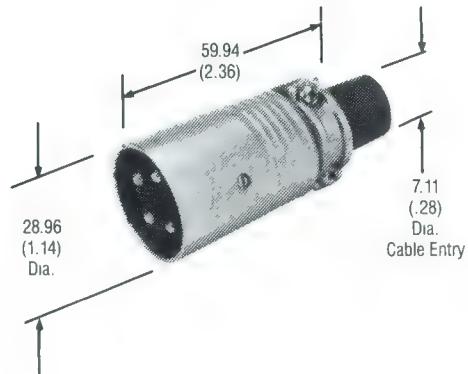
This receptacle accepts all male cord plugs with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	LIST
5563	4	19.75
5564	6	23.10
5565	8	26.25

### STRAIGHT CORD PLUG — MALE

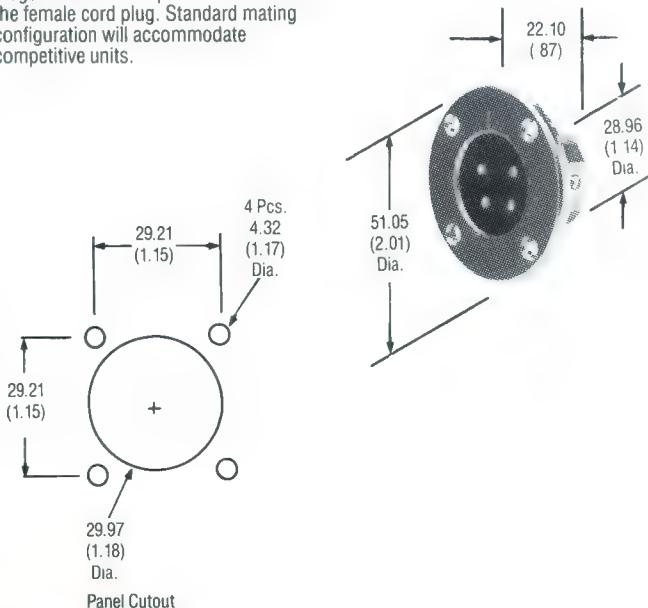
This cord plug accepts all female receptacles with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Pins	LIST
5560	4	15.00
5561	6	16.85
5562	8	18.75

### WALL/FLOOR MOUNT RECEPTACLE — MALE

This receptacle accepts all female cord plugs with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Pins	LIST
5566	4	9.50
5567	6	10.50
5568	8	14.15

# POMONA

## AUDIO CONNECTORS—XLR TYPE

### STRAIGHT CORD PLUG — FEMALE

This cord plug accepts all male receptacles with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



5109 Shown

### STRAIGHT CORD PLUG — MALE

This cord plug accepts all female receptacles with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.

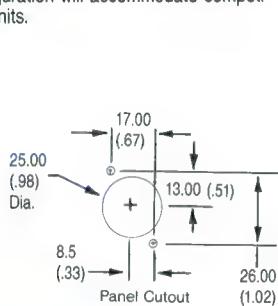


5110 Shown

MODEL	SOCKETS	XLR TYPE	LIST
5109	3	3-11	3.10
5118	4	4-11	4.15
5125	5	5-11	4.60

### WALL/FLOOR MOUNT RECEPTACLE—FEMALE

This receptacle accepts male cord plugs with the same pin count. Standard mating configuration will accommodate competitive units.

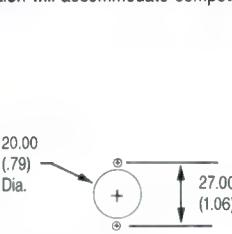


5113 Shown

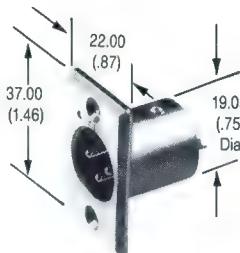
MODEL	PINS	XLR TYPE	LIST
5110	3	3-12	2.50
5119	4	4-12	2.60
5126	5	5-12	3.00

### WALL/FLOOR MOUNT RECEPTACLE — MALE

This receptacle accepts female cord plugs with the same pin count. Standard mating configuration will accommodate competitive units.



Panel Cutout



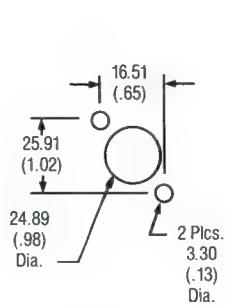
5117 Shown

MODEL	SOCKETS	XLR TYPE	LIST
5113	3	3-31	3.90
5123	4	4-31	4.30
5129	5	5-31	4.50

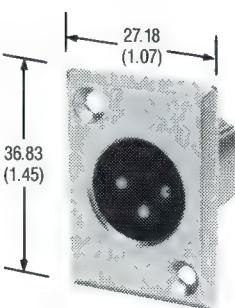
MODEL	PINS	XLR TYPE	LIST
5117	3	3-32	1.85
5131	4	4-32	2.30
5130	5	5-32	2.70

### WALL/FLOOR MOUNT RECEPTACLE — MALE

This receptacle accepts female cord plugs with the same pin count. Panel cutout is similar to models 5113, 5123 and 5129. Standard mating configuration will accommodate competitive units.



Panel Cutout

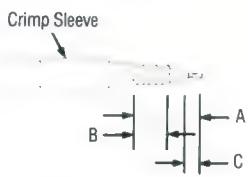


MODEL	PINS	LIST
5569	3	2.10
5570	4	2.60
5571	5	3.10

# POMONA

## CONNECTOR INSTRUCTIONS

### MODELS 5285, 5286, 5344 & 5345

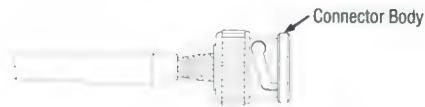


Cut cable end square. Slide crimp sleeve over jacket. Strip cable to dimensions A, B, and C.

Center Contact



Solder contact to center conductor of cable.



Slide connector body over center contact & push barrel beneath braid.

Slide crimp sleeve forward over braid & seat against connector body. Crimp with hex crimp die as listed.

MODEL	A	B	C	Hex Die Size
5285	.58	.19	.11	.213 (Model 5540)
5344				
5286	.58	.19	.11	.255 (Model 5541)
5345				

### CRIMP TOOL AND DIES

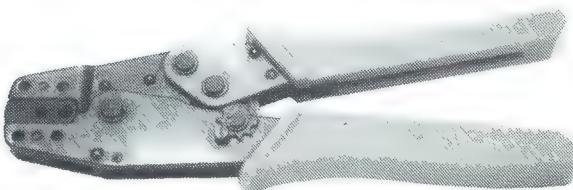
This crimping tool is designed to accommodate Pomona's most popular connector sizes. The dies are sold separately allowing each tool assembly to be tailored to the application.



Die

MODEL	Crimp Tool (Handle only)	LIST
5539		59.00

MODEL	DIES	LIST
5540	RG58	55.00
5541	RG59	55.00
5542	RG174	55.00

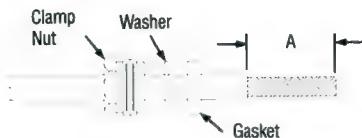


MODEL NO.	Use With Pomona Connector Model Nos.
5540	4859, 4860, 5152, 5285, 5288, 5368, 5344, 5372, 5377 & 5381
5541	5286, 5296, 5345, 4957
5542	4804, 4805, 5366, 5370, 5375 & 5379

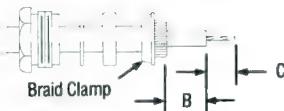
# POMONA

## CABLING INSTRUCTIONS

**MODELS 4488, 4786, 4787, 4977 4978,  
4980, 4981, 5061, 5066, 5067, 5068 & 5307**



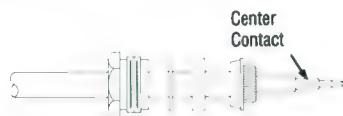
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to dim. A.



Comb braid forward. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Cut Dielectric & Center Conductor to dimensions B & C.

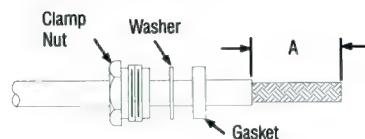


Models 5061 and 4786 - Slide bushing insulator over center conductor and seat against dielectric.

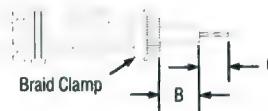


Solder center contact (male or female) to center conductor.

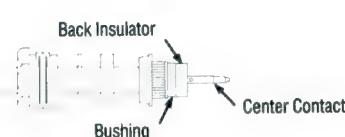
**MODEL 5079**



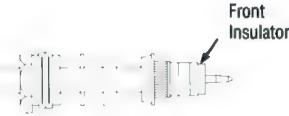
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to dim. A.



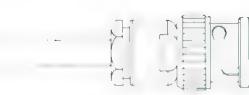
Comb braid forward. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Cut Dielectric & Center Conductor to dimensions B & C.



Slide bushing & back insulator over dielectric & seat against braid. Solder contact to center conductor.



Place front insulator over contact & seat against back insulator.



Place connector body over cable assembly. Slide clamp nut, washer & gasket forward against braid clamp. Thread clamp nut onto body & tighten.

Place connector body over cable assembly. Slide clamp nut, washer & gasket forward against braid clamp. Thread clamp nut onto body & tighten.

MODEL NO.	A	B	C	Conn. Type / Nom. Cable Dia.	Clamp Nut Torque (in-lb)
4488	11/32	3/16	.11	BNC (M) / .195	35-40
4786	11/32	3/16	.11	BNC (M) / .242	35-40
4787	7/16	.118	7/32	N (M) / .195	70-80
4977	5/16	.11	.11	BNC (M) RA / .195	35-40
4978	11/32	3/16	.11	BNC (F) / .195	35-40
4980	3/8	.05	.19	N (M) / .425	70-80
4981	3/8	.05	.19	N (F) / .425	70-80
5061	11/32	3/16	.11	BNC (F) / .242	35-40
5066	11/32	3/16	.11	BNC (M) / .195	35-40
5067	11/32	3/16	.11	BNC (M) / .242	35-40
5068	11/32	3/16	.11	BNC (M) / .100	35-40
5079	.31	.11	.14	BNC (M) 75 Ohms / .242	35-40
5307	11/32	3/16	.11	BNC (M) / .100	35-40

# POMONA

## CABLING INSTRUCTIONS

MODEL 4957	MODEL 3600	MODELS 5218 & 5056
<p>Clamp Nut Gasket Crimp Sleeve Gland Washer</p> <p>.25      .53</p> <p>Cut cable end square. Slide clamp nut, gland washer, gasket &amp; crimp sleeve over jacket. Cut cable jacket to dimension shown; do not nick braid. Remove .53 length of jacket.</p>	<p>Washer Braid Washer Clamp Nut Retainer Gasket</p> <p>3/8      19/32</p> <p>Cut cable end square. Slide clamp nut, washer &amp; gasket over jacket. Strip jacket to <math>\frac{3}{4}</math>". Fold braid back and trim filler. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Assemble retainer and strip blue conductor as shown.</p>	<p>Gasket Washer Clamp Nut 3/8 1/16 Braid Clamp Retainer Insulator</p> <p>Cut cable end square. Slide clamp nut, washer &amp; gasket over jacket. Strip jacket to <math>\frac{3}{4}</math>". Fold braid back and trim filler. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Assemble retainer and insulator over inner jacket. Trim inner jacket as shown.</p>
<p>Crimp Body</p> <p>1</p> <p>Remove .25 length of jacket. Flair out braid slightly and push crimp body over conductors &amp; under braid.</p>	<p>11/32      3/32</p> <p>Teflon Bushing</p> <p>Assemble teflon bushing and strip white conductor as shown.</p>	<p>Small Braid Clamp Retainer 5/32 3/32</p> <p>Place small braid clamp over inner braid and against inner jacket. Comb out braid and fold back over braid clamp. Trim even with base of braid clamp. Place small retainer over dielectric, against inner braid clamp. Trim dielectric and center conductor as shown.</p>
<p>Bushing Rear Dielectric</p> <p>.19</p> <p>Slide crimp sleeve over braid to edge of crimp body and crimp using .255 Hex Die (see Model 5541, page 128). Trim center conductors to dimension shown.</p>	<p>Center Contact</p> <p>Solder center contact to white conductor.</p>	<p>Center Contact</p> <p>Solder center contact to white conductor.</p>
<p>Pin Contact Front Dielectric</p> <p>Slide front dielectric over contacts.</p>	<p>Intermediate Contact</p> <p>Insert center contact into inner insulator. Slide intermediate contact over insulator. Wrap conductor around intermediate contact and solder.</p>	<p>Slide outer insulator over intermediate contact. Thread assembly into body and tighten clamp nut to 35-40 inch pounds.</p>
<p>Place connector body over cable assembly. Slide clamp nut, gland washer &amp; gasket forward to body. Tighten nut to 35-40 inch pounds.</p>	<p>Place inner insulator, intermediate contact and outer insulator over center contact. Thread assembly into body and tighten clamp nut.</p>	

# POMONA

## THERMOPLASTIC BOXES

### MOLDED THERMOPLASTIC BOX WITH CARD GUIDES

The box and cover are molded of glass filled nylon which is almost unbreakable under normal use. Box and cover are easily machined. Three slots are provided for 1.57 mm (.062) circuit boards (not included).

**HOUSING:** Glass filled nylon.

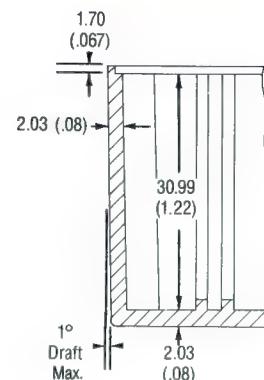
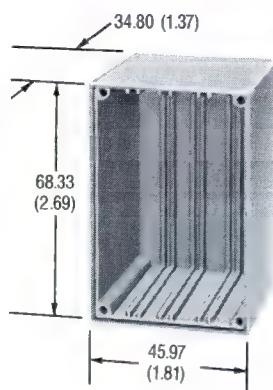
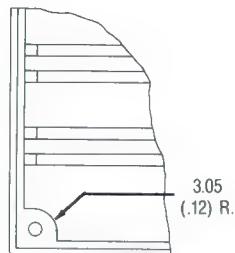
**COVER:** Glass filled nylon. Includes 4 self-tapping # 2-32 cover screws.

**RATING:** + 102°C. (+216°F.) Max.

**\*STD. COLORS:** -0 Black, -6 Blue, -9 White.

Recommended circuit board size:

63.75 (2.51) × 30.99 (1.20) × 1.57 (.062) thick.



MODEL  
3850-

LIST 3.60

### MOLDED STATIC CONTROL THERMOPLASTIC BOX WITH CARD GUIDES

The box and cover are molded of STAT-KON† nylon which prevents electrostatic buildup. Three slots are provided for 1.57 mm (.062) circuit boards (not included).

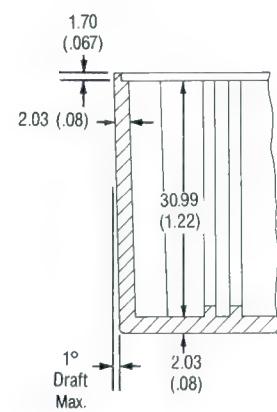
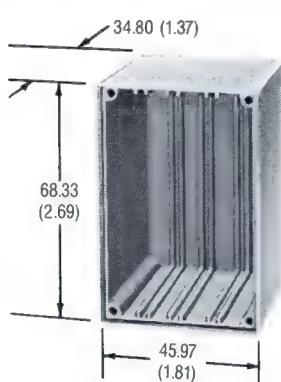
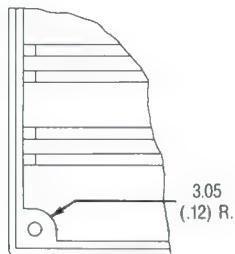
**HOUSING:** STAT-KON†, black.

**COVER:** STAT-KON†, black. Includes 4 self-tapping # 2-32 cover screws.

**RATING:** + 104°C. (+219°F.) Max.; surface resistivity,  $10^9$  Ohm-cm<sup>2</sup>.

Recommended circuit board size:

63.75 (2.51) × 30.99 (1.20) × 1.57 (.062) thick.



MODEL  
4902

LIST 4.60

### MOLDED THERMOPLASTIC BOX WITH CARD GUIDES

Box and cover are molded of glass filled nylon which is almost unbreakable under normal use. Three slots are provided to permit lengthwise mounting of 1.57 mm (.062) thick circuit boards (not included). Boards may also be mounted horizontally.

**HOUSING:** Glass filled nylon.

**COVER:** Glass filled nylon. Includes 4 self-tapping # 2-32 cover screws.

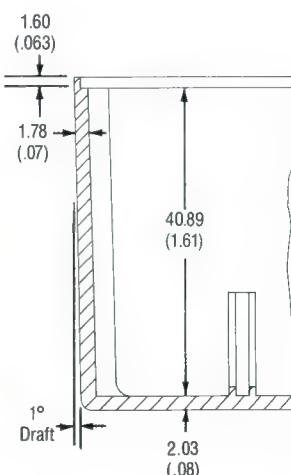
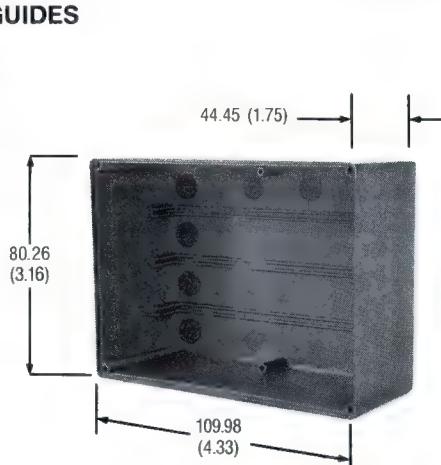
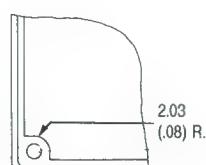
**RATING:** + 102°C. (+216°F.) Max.

**\*STD. COLORS:** -0 Black, -6 Blue.

Recommended circuit board sizes:

Vertical 99.82 (3.93) × 40.13 (1.58) × 1.57 (.062) thick

Horizontal 99.06 (3.90) × 75.69 (2.98) × 1.57 (.062) thick



MODEL  
4384-

LIST 6.05

# POMONA

## PHENOLIC BOXES—JUNIOR SIZE

Create passive and active networks, voltage dividers, isolation networks or attenuators with these units. Solder turret terminals for permanent noise-free connection of components, etc. Entire unit may be potted or encapsulated.

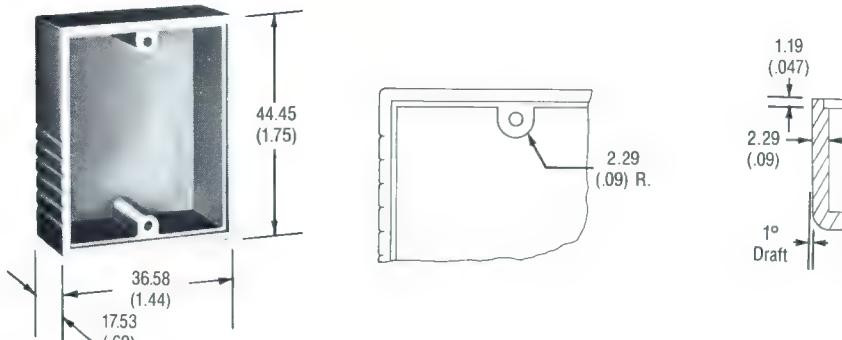
### PHENOLIC BOX, JUNIOR SIZE

**HOUSING:** Phenolic, black.

**COVER:** XP laminated paper base phenolic, black.

Includes 2 #2-56 cover screws.

**RATING:** +150°C. (+302°F.) Max.



MODEL  
2105

LIST 2.45

### COMPONENT MOUNTING BOX, DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

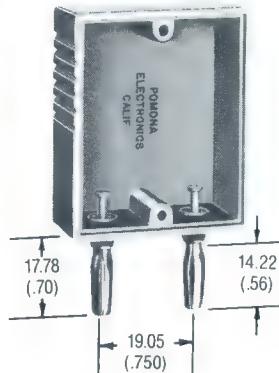
**1ST END:** None.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated.

(Supplied with cover and cover screws.)

**RATING:** 5000 WVDC; 15 Amps;

+150 °C. (+302°F.) Max.



MODEL  
2096

LIST 5.95

### COMPONENT MOUNTING BOX, BNC FEMALE TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

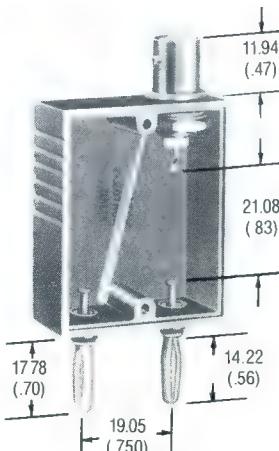
**1ST END:** BNC Female with extra long solder tab for ground connection. Nominal Impedance: 50 Ohms.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS

Max.; +150°C. (+302°F.) Max.



MODEL  
2097

LIST 14.80

### COMPONENT MOUNTING BOX, DOUBLE BANANA JACK TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

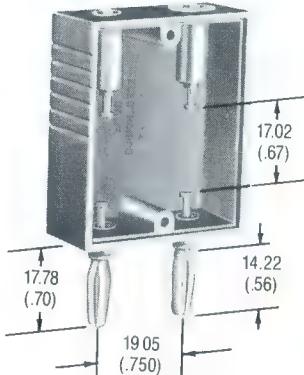
**1ST END:** Double Banana Jack. Brass, bright tin plated.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated.

(Supplied with cover and cover screws.)

**RATING:** 5000 WVDC; 15 Amps; +150°C.

(+302°F.) Max.



MODEL  
2098

LIST 10.35

### COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

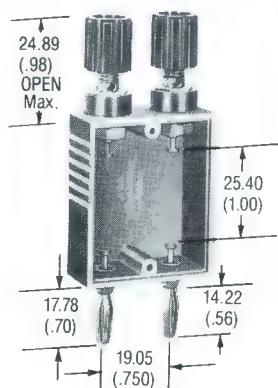
**1ST END:** Double Binding Post. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated.

(Supplied with cover and cover screws.)

**RATING:** 2500 WVDC; 15 Amps; +115°C.

(+239°F.) Max.



MODEL  
2259

LIST 12.90

# POMONA

## PHENOLIC BOXES — KING SIZE

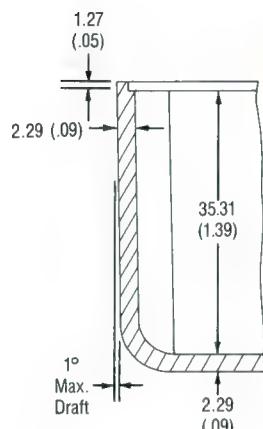
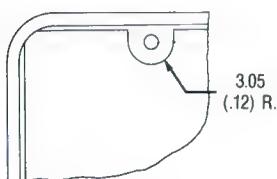
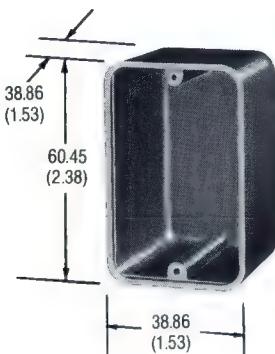
Create passive and active networks, voltage dividers, isolation networks or attenuators with these units. Solder turret terminals for permanent noise-free connection of components, etc. Entire unit may be potted or encapsulated.

### PHENOLIC BOX, KING SIZE

**HOUSING:** Phenolic, black.

**COVER:** XP laminated paper base phenolic.  
Includes 2 #2-56 cover screws.

**RATING:** +150°C. (+302°F.) Max.



**MODEL**  
**2104**

**LIST 2.10**

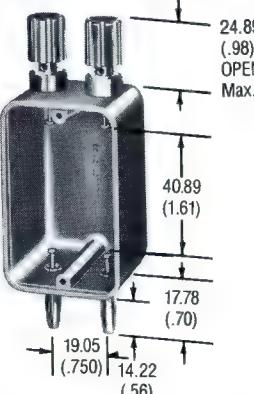
### COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG

See Model 2104 (above) for housing dimensions.

**1ST END:** Double Binding Post. Accepts standard banana plugs. Brass, bright tin plated. Polycarbonate insulation. One black and one red.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

**RATING:** 2500 WVDC; 15 Amps; +115°C. (+239°F.) Max.



**MODEL**  
**2262**

**LIST 13.75**

# POMONA

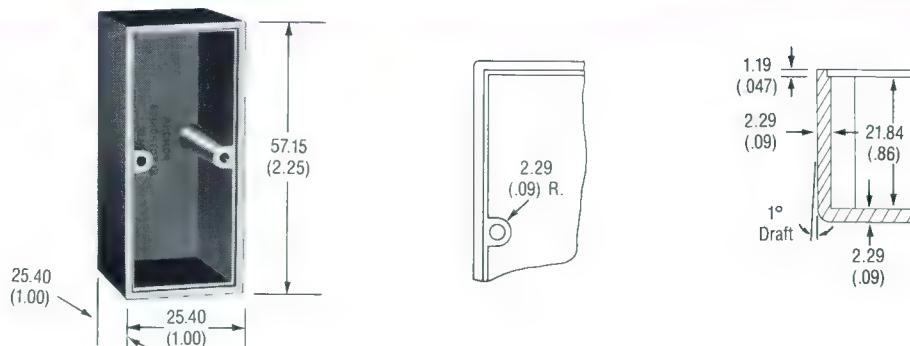
## PHENOLIC BOXES — QUEEN SIZE

### PHENOLIC BOX, QUEEN SIZE

**HOUSING:** Phenolic.

**COVER:** XP laminated paper base phenolic, black. Includes 2 #2-56 cover screws.

**RATING:** +150°C. (+302°F.) Max.



**MODEL**  
2103

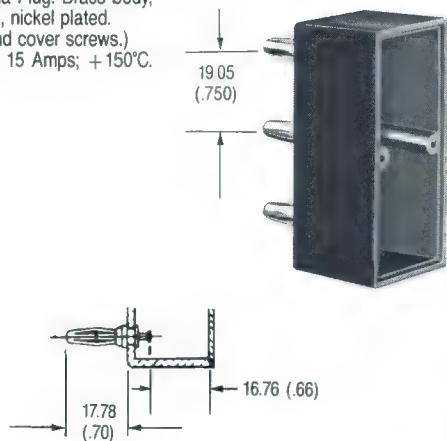
**LIST 2.20**

### COMPONENT MOUNTING BOX, THREE BANANA PLUGS

See Model 2103 (above) for housing dimensions.

**CENTER:** Triple Banana Plug. Brass body, beryllium copper spring, nickel plated.  
(Supplied with cover and cover screws.)

**RATING:** 5000 WVDC; 15 Amps; +150°C.  
(+302°F.) Max.



**MODEL**  
2095

**LIST 8.65**

### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

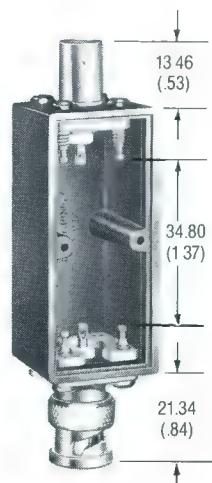
See Model 2103 (above) for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



**MODEL**  
2099

**LIST 26.55**

### COMPONENT MOUNTING BOX, BNC FEMALE BOTH ENDS

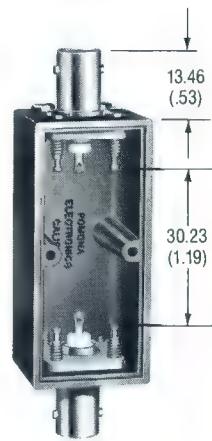
See Model 2103 (above) for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



**MODEL**  
2101

**LIST 20.60**

### COMPONENT MOUNTING BOX, BNC FEMALE "T"

See Model 2103 (above) for housing dimensions.

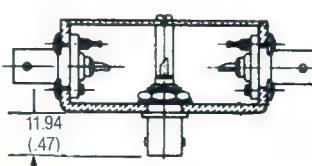
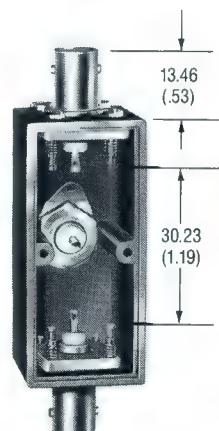
**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** BNC Female with solder lug. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



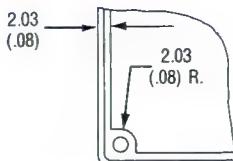
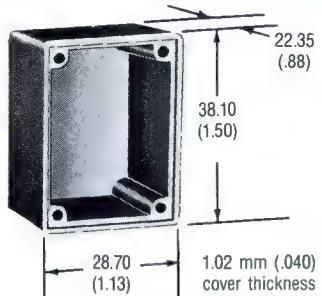
**MODEL**  
2102

**LIST 27.40**

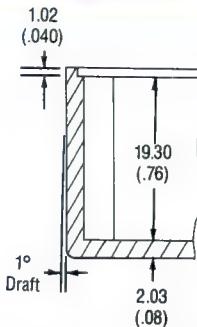
# POMONA

## DIE CAST ALUMINUM BOXES

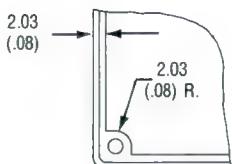
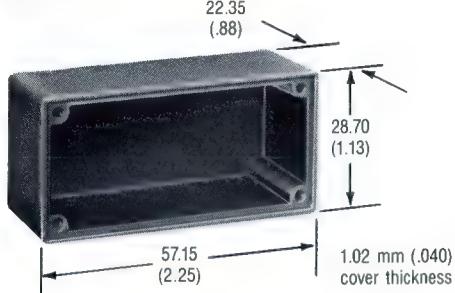
### MINIATURE SIZE



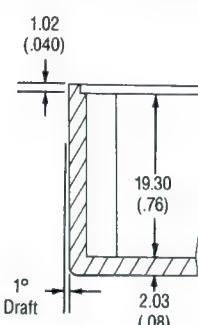
Use model 4742 as replacement cover.  
Use model 3729 as mounting cover.  
Includes 2-32 X 1/4 panhead screws.



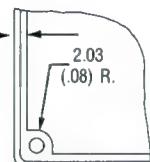
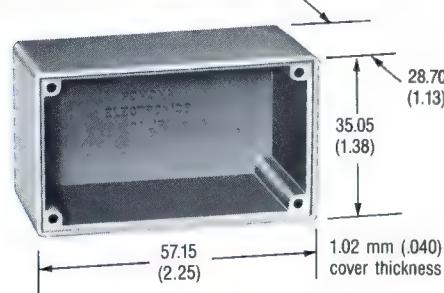
### A SIZE



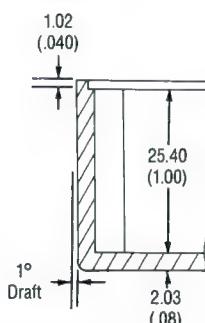
Use model 4245 as replacement cover.  
Use model 3728 as mounting cover.  
Includes 2-32 X 1/4 panhead screws.



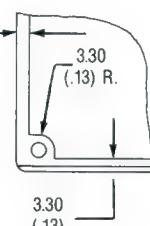
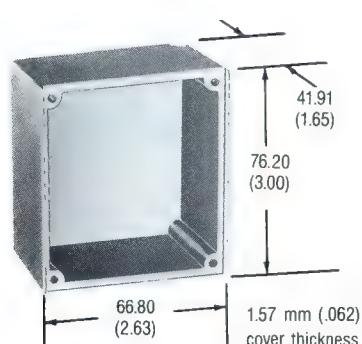
### B SIZE



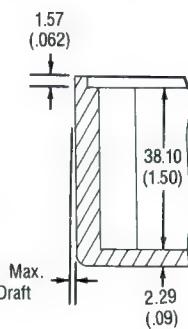
(Use Model 4246 as replacement cover.  
Use Model 3719 as mounting cover.)  
Includes 2-32 X 1/4 panhead screws.



### D SIZE



Use model 4726 as replacement cover.  
Use model 3958 as mounting cover.  
Includes 4-40 X 1/4 Phillips screws.



MODEL	Box Size	Finish	LIST
3753 3754	Miniature	Blue Baked Enamel None	5.45 5.25
2397 2400	A	Blue Baked Enamel None	5.45 5.00
2417 2428	B	Blue Baked Enamel None	5.60 5.35
3601 3606	D	Blue Baked Enamel None	10.00 9.70

These boxes are available either with a blue baked enamel finish or with no finish at all. When used with the included cover, the boxes provide excellent RFI/EMI protection.

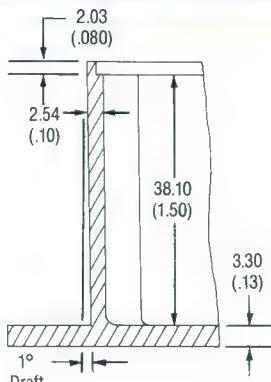
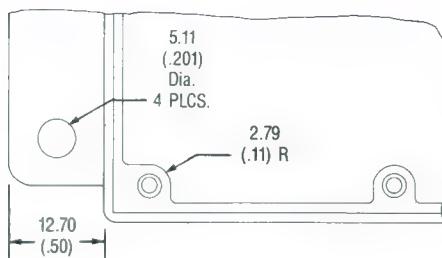
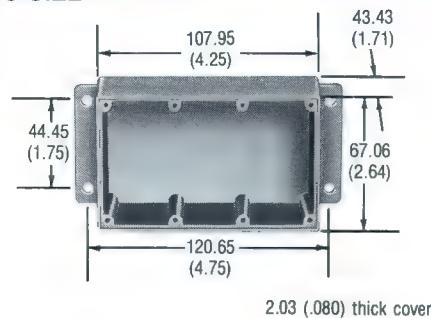
**HOUSING:** Die cast aluminum, alloy A380 or A384.  
Blue baked enamel per Federal Standard 595 # 25109  
over primer wash per DOD-P-15328 or no finish.

**COVER:** Aluminum 1100-H14, with clear anodized  
finish per MIL-A-8625.

# POMONA

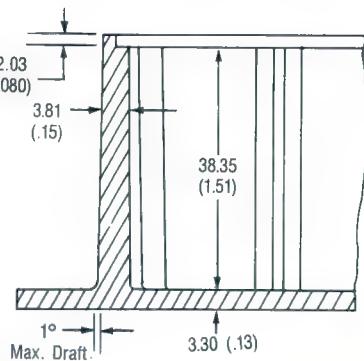
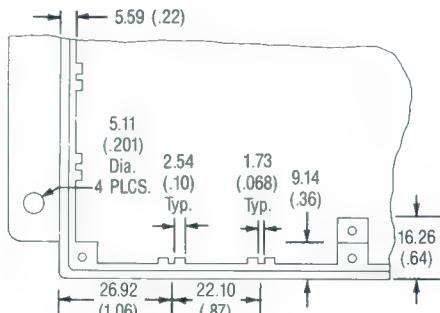
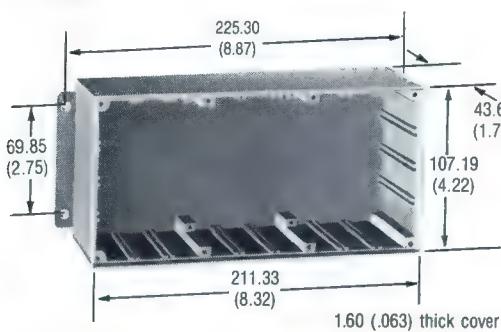
## DIE CAST ALUMINUM BOXES

### C SIZE



Use model 4248 as replacement cover.  
Includes 4-40 X 1/4 panhead screws.

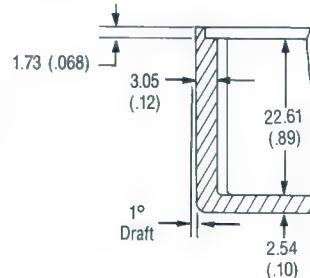
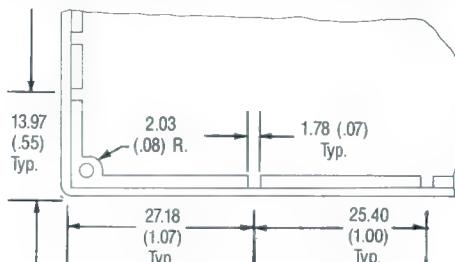
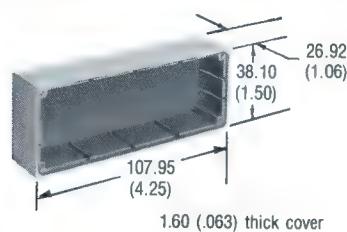
### E SIZE



Recommended circuit board sizes:  
Vertical: 203.20 (8.00) x 37.85 (1.49) x 1.57 (.062) thick  
99.06 (3.90) x 37.85 (1.49) x 1.57 (.062) thick  
Horizontal: 193.04 (7.60) x 96.52 (3.80) x 1.57 (.062) thick

Use model 4416 as replacement cover.  
Includes 4-40 X 1/4 Phillips binding head cover screws.

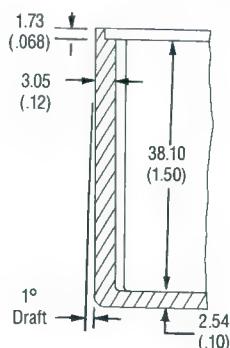
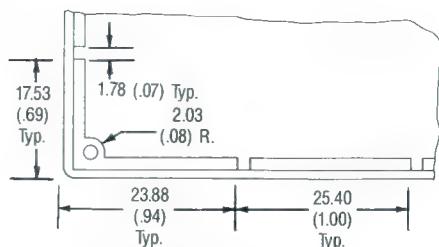
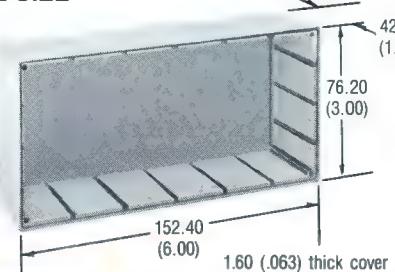
### J SIZE



Recommended circuit board sizes:  
104.90 (4.13) x 22.10 (.87) x 1.57 (.062) thick  
35.05 (1.38) x 22.10 (.87) x 1.57 (.062) thick

Includes 2-32 X 1/4 panhead screws. (Use Model 4658 as replacement cover.)

### L SIZE



Use model 5198 as replacement cover.  
Includes 2-32 X 1/4 panhead screws.

Recommended circuit board sizes:  
149.35 (5.88) x 37.59 (1.48) x 1.57 (.062) thick  
73.15 (2.88) x 37.59 (1.48) x 1.57 (.062) thick

These boxes are available either with a blue baked enamel finish or with no finish at all. When used with the included cover, the boxes provide excellent RFI/EMI protection.

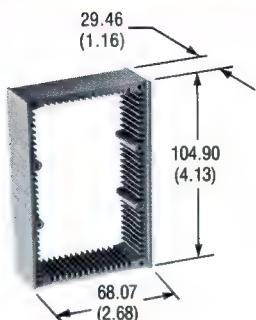
**HOUSING:** Die cast aluminum, alloy A380 or A384. Blue baked enamel per Federal Standard 595 # 25109 over primer wash per DOD-P-15328 or no finish. (See Table)

**COVER:** Aluminum 1100-H14, with clear anodized finish per MIL-A-8625. Includes cover screws.

MODEL	Box Size	Finish	LIST
2901	C	Blue Enamel	13.85
2906		None	11.70
4226	E	Blue Enamel	35.45
5186		None	33.45
4655	J	Blue Enamel	17.10
5255		None	15.45
4903	L	Blue Enamel	20.55
5203		None	20.10

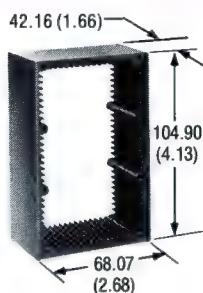
# POMONA

## EXTRUDED ALUMINUM BOXES



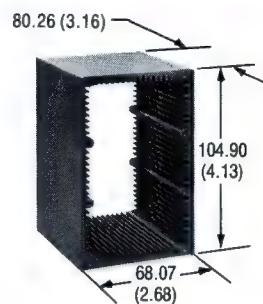
**SIZE K**

Recommended circuit board sizes:  
99.06 (3.90) x 24.89 (.98) x 1.57 (.062) thick  
60.96 (2.40) x 24.89 (.98) x 1.57 (.062) thick



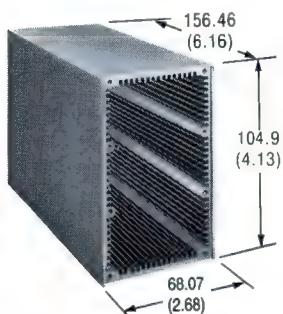
**SIZE F**

Recommended circuit board sizes:  
99.06 (3.90) x 37.59 (1.48) x 1.57 (.062) thick  
60.96 (2.40) x 37.59 (1.48) x 1.57 (.062) thick



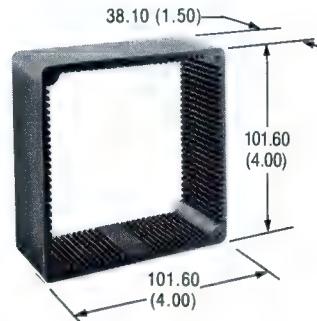
**SIZE G**

Recommended circuit board sizes:  
99.06 (3.90) x 75.69 (2.98) x 1.57 (.062) thick  
60.96 (2.40) x 75.69 (2.98) x 1.57 (.062) thick



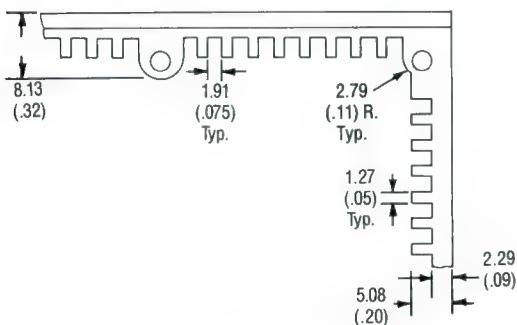
**SIZE H**

Recommended circuit board sizes:  
99.06 (3.90) x 151.89 (5.98) x 1.57 (.062) thick  
60.96 (2.40) x 151.89 (5.98) x 1.57 (.062) thick

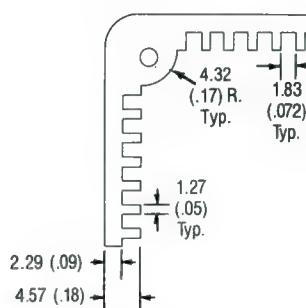


**SIZE I**

Recommended circuit board size:  
95.50 (3.76) x 37.59 (1.48) x 1.52 (.062) thick



**SIZES F, G, H & K**



**SIZE I**

MODEL	Box Size	Finish	LIST
4720	K	Blue Enamel	22.95
4739	K	None	20.65
3301	F	Blue Enamel	21.60
3306	F	None	19.80
3311	G	Blue Enamel	25.75
3316	G	None	24.45
3742	H	Blue Enamel	31.75
3743	H	None	29.50
4641	I	Blue Enamel	49.55

These boxes are slotted to accept 1.57mm (.062) circuit boards and shielding dividers. They are available with a blue baked enamel finish or with no finish at all. When used with included covers, these boxes provide excellent EMI/RFI protection.

(Use Model 4247, as replacement cover for sizes F, G, H & K. Use Model 4631, as replacement cover for Size I. Use Model 3328, as mounting cover for Sizes F, G, H & K. Use Model 4642, as mounting cover for Size I.)

**HOUSING:** Extruded aluminum alloy 6063-T5 or equivalent. Blue baked enamel per Federal Standard 595 #25109 over primer wash per DOD-P-15328 or no finish. (See table).

**COVERS:** Top and bottom 2.03 mm (.080) thick aluminum 1100-H14, with clear anodized finish per MIL-A-8625. Includes #4-40 x 1/4" flathead screws.

# POMONA

## DIE CAST ALUMINUM BOXES—MINIATURE SIZE

### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3753 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.  
**2ND END:** Same as first end. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



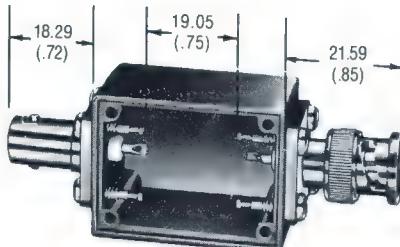
MODEL	3751
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LIST 21.10

### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 3753 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.  
**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



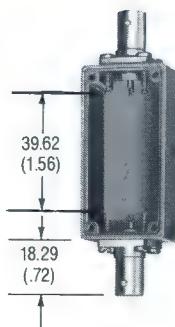
MODEL	3752
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LIST 19.95

### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3753 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.  
**2ND END:** Same as first end. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL	2390
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LIST 17.35

### COMPONENT MOUNTING BOX, TWO BNC FEMALES TO BNC MALE ("IN-LINE T")

See Model 3753 for housing dimensions.

**1ST END:** BNC Females. Nominal Impedance: 50 Ohms.  
**2ND END:** BNC Male. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL	4057
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LIST 32.35

### COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG WITH BNC FEMALE

See Model 3753 for housing dimensions.

**1ST END:** Double Binding Post. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.  
**CENTER:** BNC Female. Nominal Impedance: 50 Ohms.  
**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +115°C. (+239°F.) Max.



MODEL	4050
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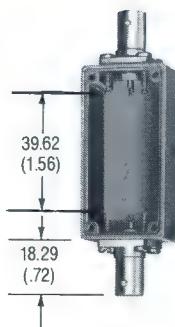
LIST 39.00

## DIE CAST ALUMINUM BOXES — SIZE "A"

### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2397 for housing dimensions.

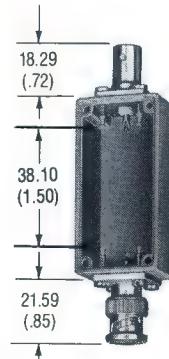
**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.  
**2ND END:** Same as first end. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 2397 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.  
**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)  
**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL	2391
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LIST 19.55

# POMONA

## DIE CAST ALUMINUM BOXES—SIZE "A"

### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE WITH BINDING POSTS

See Model 2397 for housing dimensions.

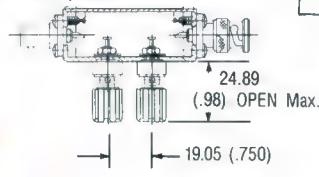
**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** Double Binding Post with solder turret terminals. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
2393

LIST 34.35

### COMPONENT MOUNTING BOX, BNC FEMALE "T"

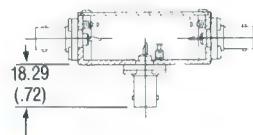
See Model 2397 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** Same as first end.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
2392

LIST 26.60

### COMPONENT MOUNTING BOX, "T" TWO BNC FEMALES TO BNC MALE

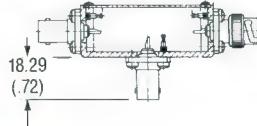
See Model 2397 for housing dimensions.

**1ST END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as center. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
2401

LIST 28.55

### COMPONENT MOUNTING BOX, SMA FEMALE EACH END

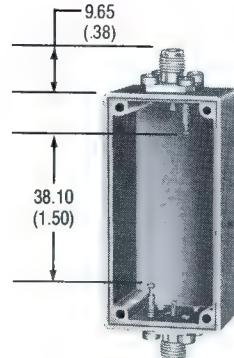
See Model 2397 for housing dimensions.

**1ST END:** SMA Female with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with cover and cover screw.)

**RATING:** Operating Voltage: 335 VRMS Max.; +150°C. (+302°F.) Max.



LIST 42.35

### COMPONENT MOUNTING BOX, SMA MALE TO SMA FEMALE

See Model 2397 for housing dimensions.

**1ST END:** SMA Male with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

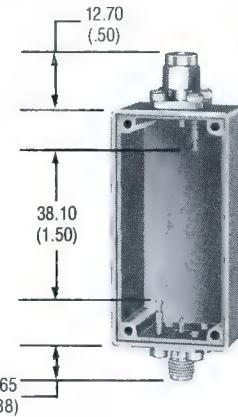
Nominal Impedance: 50 Ohms.

**2ND END:** SMA Female with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 335 VRMS Max.; +150°C. (+302°F.) Max.



LIST 68.75

### REPLACEMENT SCREWS



4862  
Flathead, Phillips  
4-40 NC-2A x .250  
carbon steel, zinc plated.

4864  
Self-tapping, panhead, 2-32 x .250  
carbon steel, zinc plated.  
LIST 11.50 PKG.  
(100 Per Pkg.)

MODEL	Used on
4862	3301, 3302, 3303, 3306, 3307, 3311, 3312, 3316, 3742, 3743, 4720, 4739
4864	2390, 2391, 2392, 2393, 2395, 2397, 2398, 2399, 2400, 2401, 2411, 2413, 2417, 2420, 2428, 3230, 3231, 3232, 3233, 3234, 3239, 3751, 3752, 3753, 3754, 3850, 4050, 4057, 4384, 4655, 4656, 4902, 4903, 5166, 5203, 5255, 5404

### SOLDER TURRET TERMINAL SCREW

Excellent for mounting of panel receptacles. Turret on end of screw for soldering. #4-40, Phillips head.

**MATERIAL:** Steel.

**FINISH:** Cadmium plated.



MODEL  
2352

LIST 43.50 PKG.  
(100 Per Pkg.)

# POMONA

## DIE CAST ALUMINUM BOXES—SIZE “B”

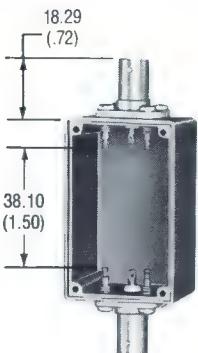
### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2417 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3230

LIST 17.15

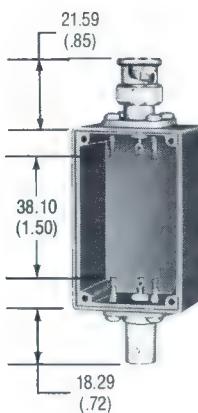
### COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE

See Model 2417 for housing dimensions.

**1ST END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3231

LIST 20.80

### COMPONENT MOUNTING BOX, BNC FEMALE “T”

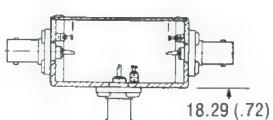
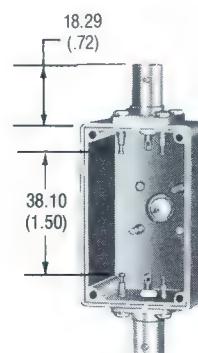
See Model 2417 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** Same as first end.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3232

LIST 27.50

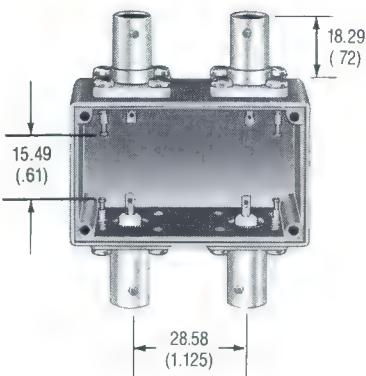
### COMPONENT MOUNTING BOX, CROSS CONNECTIONS

See Model 2417 for housing dimensions.

**1ST END:** BNC Females with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3234

LIST 29.05

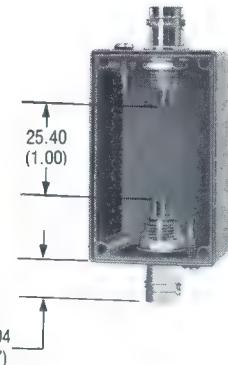
### COMPONENT MOUNTING BOX, TRIAXIAL FEMALE EACH END

See Model 2417 for housing dimensions.

**1ST END:** Triaxial Female, two lug, with solder turret terminal screws.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
5166

LIST 36.60

### COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE WITH BINDING POSTS

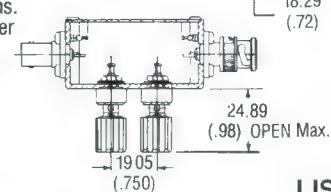
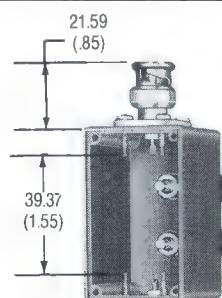
See Model 2417 for housing dimensions.

**1ST END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**CENTER:** Double Binding Post with solder turret terminals. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

**2ND END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +115°C. (+239°F.) Max.



MODEL
3233

LIST 31.70

# POMONA

## DIE CAST ALUMINUM BOXES—SIZE “B”

### COMPONENT MOUNTING BOX, ISOLATED BNC FEMALE EACH END

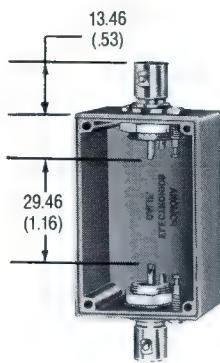
See Model 2417 for housing dimensions.

**1ST END:** Isolated BNC Female with solder turret terminal screw. Nominal Impedance: 50 Ohms

**2ND END:** Same as first end.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3239

**LIST 28.65**

### COMPONENT MOUNTING BOX, ISOLATED 75 OHM BNC FEMALE EACH END

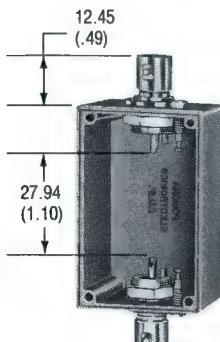
See Model 2417 for housing dimensions.

**1ST END:** Isolated 75 Ohm BNC Female with solder turret terminal screw.

**2ND END:** Same as first end.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
5404

**LIST 24.95**

### COMPONENT MOUNTING BOX, TYPE “N” MALE TO TYPE “N” FEMALE

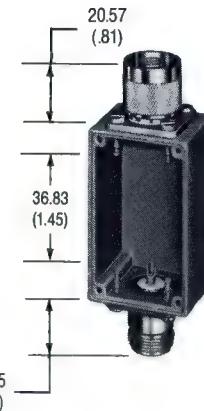
See Model 2417 for housing dimensions.

**1ST END:** Type “N” Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Type “N” Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 1000 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
2411

**LIST 34.45**

### COMPONENT MOUNTING BOX, BNC FEMALE TO TYPE “N” MALE

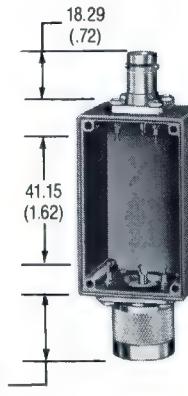
See Model 2417 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Type “N” Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
2420

**LIST 34.45**

### COMPONENT MOUNTING BOX, UHF FEMALE TO UHF MALE

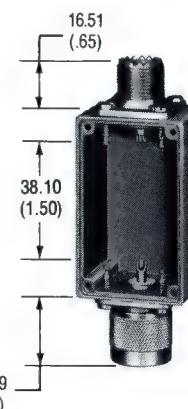
See Model 2417 for housing dimensions.

**1ST END:** UHF Female with solder turret terminal screws. Nominal Impedance: Nonconstant.

**2ND END:** UHF Male with solder turret terminal screws. Nominal Impedance: Nonconstant.

(Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
2413

**LIST 36.60**

# POMONA

## DIE CAST ALUMINUM BOXES—SIZE "C", "D", & "J"

### SIZE "C"

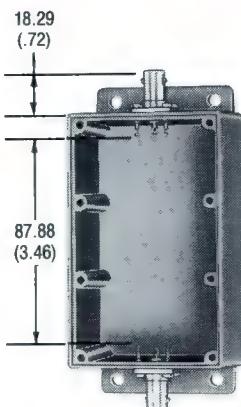
#### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2901 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
2902

LIST 27.55

### SIZE "C"

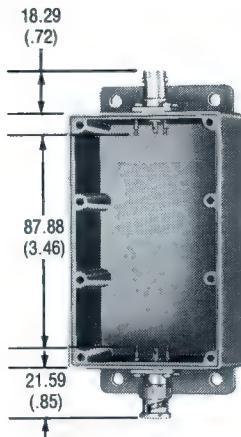
#### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 2901 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
2903

LIST 29.80

### SIZE "D"

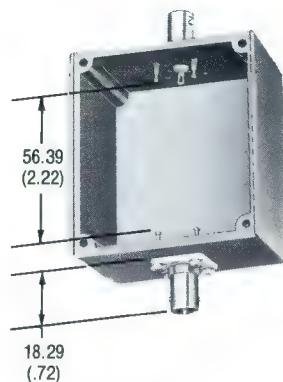
#### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3601 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
3602

LIST 22.90

### SIZE "D"

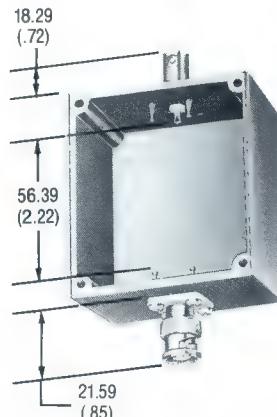
#### COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 3601 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
3603

LIST 26.50

### SIZE "J"

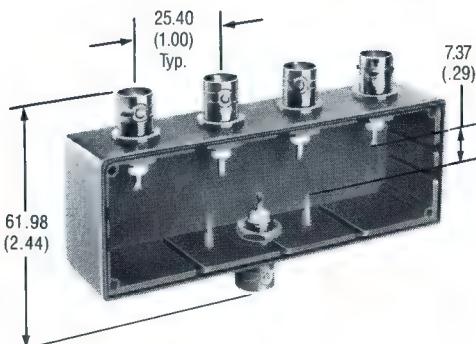
#### COMPONENT MOUNTING BOX FIVE BNC FEMALES

See Model 4655 for housing dimensions.

**1ST END:** BNC Females. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL  
4656

LIST 40.30

# POMONA

## EXTRUDED ALUMINUM BOXES—SIZES “F” & “G”

### SIZE “F”

#### COMPONENT MOUNTING BOX, BNC FEMALE EACH END

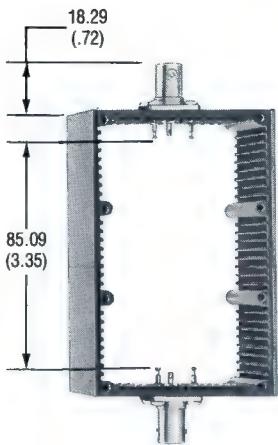
See Model 3301 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws.

Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with covers and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3302

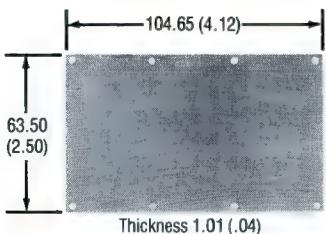
LIST 36.80

#### RFI/EMC COVER GASKET FOR SIZE “F,” “G,” “H,” & “K” BOXES

This cover gasket greatly improves electromagnet shielding effectiveness of POMONA boxes. Fine monel wires embedded in silicone provide an effective shield against radio frequency interference greatly improving electromagnetic compatibility. Adhesive back allows simple installation.

Gasket fits Models 3301, 3302, 3303, 3306, 3311, 3312, 3316, 3742, 3743, 4720 and 4739.

(Gasket attaches directly to cover.)



MODEL
4775

LIST 17.15

### SIZE “F”

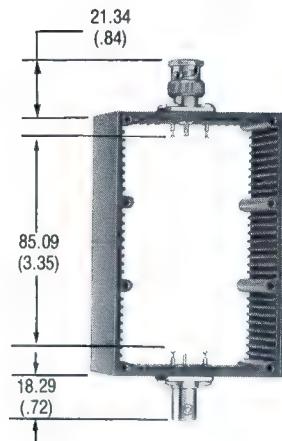
#### COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE

See Model 3301 for housing dimensions.

**1ST END:** BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with covers and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3303

LIST 38.95

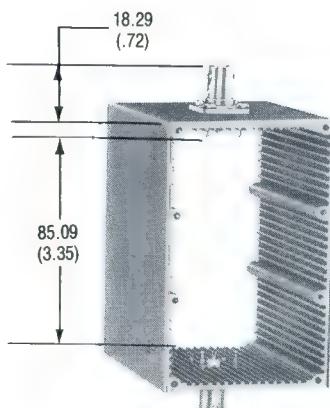
#### SIZE “G” COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3311 for housing dimensions.

**1ST END:** BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

**2ND END:** Same as first end. (Supplied with covers and cover screws.)

**RATING:** Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL
3312

LIST 39.55

# POMONA

## REPLACEMENT COVER/MOUNTING COVER

### REPLACEMENT COVER

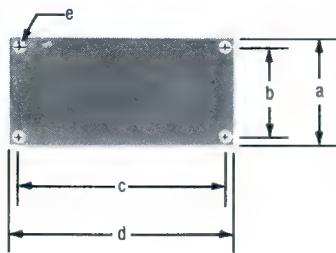


FIGURE 1

### MOUNTING COVER

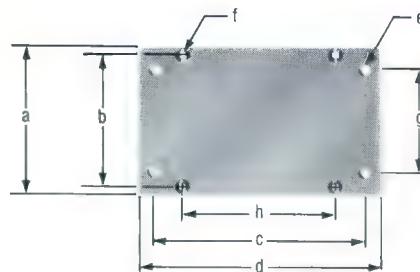


FIGURE 2

### REPLACEMENT COVER

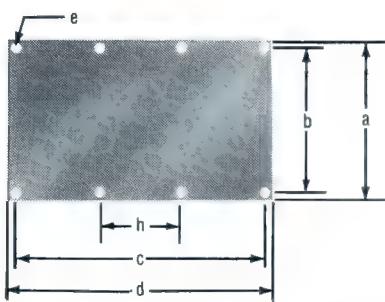


FIGURE 3

### MOUNTING COVER

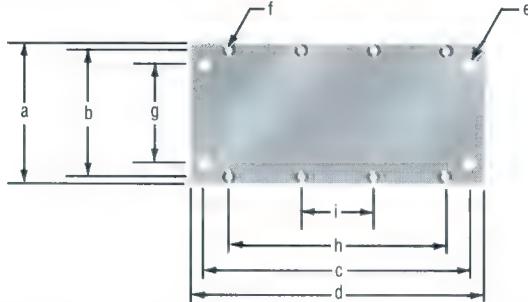


FIGURE 4

MODEL	Box Size	Fig.	Mat.*	Mat. Thickness	a	b	c	d	e See Note	f See Note	g	h	i	LIST
4742	Miniature	1	1100-H14	1.02 (.040)	26.42 (1.04)	21.41 (.843)	30.94 (1.218)	35.81 (1.41)	1	—	—	—	—	1.10
3729	Miniature	2	6061-T6	2.03 (.080)	29.21 (1.15)	21.41 (.843)	55.73 (2.194)	63.50 (2.50)	3	7	21.41 (.843)	30.94 (1.218)	—	2.85
4245	A	1	1100-H14	1.02 (.040)	26.16 (1.03)	21.41 (.843)	49.99 (1.968)	54.86 (2.16)	1	—	—	—	—	1.70
3728	A	2	6061-T6	2.03 (.080)	29.21 (1.15)	21.41 (.843)	74.78 (2.944)	82.55 (3.25)	3	7	21.41 (.843)	49.99 (1.968)	—	2.85
4246	B	1	1100-H14	1.02 (.040)	32.51 (1.28)	27.76 (1.093)	49.99 (1.968)	54.86 (2.16)	1	—	—	—	—	1.70
3719	B	2	6061-T6	2.03 (.080)	35.56 (1.40)	27.76 (1.093)	74.78 (2.944)	82.55 (3.25)	3	7	27.76 (1.093)	49.99 (1.968)	—	3.15
4248	C	3	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	98.43 (3.875)	104.65 (4.12)	2	—	—	32.92 (1.292)	—	3.55
4726	D	1	1100-H14	1.60 (.063)	62.99 (2.48)	57.15 (2.250)	66.68 (2.625)	75.95 (2.99)	4	—	—	—	—	3.15
3958	D	2	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	91.90 (3.618)	104.65 (4.12)	6	8	44.45 (1.750)	66.67 (2.625)	—	7.95
4416	E	3	1100-H14	2.03 (.080)	102.11 (4.02)	96.52 (3.800)	200.66 (7.900)	206.25 (8.12)	2	—	—	68.88 (2.633)	—	7.45
4247	F, G, H, & K	3	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	98.43 (3.875)	104.65 (4.12)	9	—	—	32.82 (1.292)	—	4.55
3328	F, G, H, & K	4	6061-T6	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	120.65 (4.750)	133.35 (5.25)	6	9	44.45 (1.750)	98.43 (3.875)	32.79 (1.291)	7.40
4631	I	1	1100-H14	2.03 (.080)	101.60 (4.00)	91.44 (3.600)	91.44 (3.600)	101.60 (4.00)	5	—	—	—	—	5.70
4642	I	2	1100-H14	2.03 (.080)	101.60 (4.00)	91.44 (3.600)	114.30 (4.500)	127.00 (5.00)	6	5	66.68 (2.625)	91.44 (3.600)	—	5.70
4658	J	1	1100-H14	1.60 (.063)	34.80 (1.37)	30.48 (1.200)	100.33 (3.950)	104.65 (4.12)	1	—	—	—	—	4.30
5198	L	1	1100-H14	1.60 (.063)	72.90 (2.87)	68.58 (2.700)	144.78 (5.700)	149.10 (5.87)	1	—	—	—	—	5.65

NOTES:

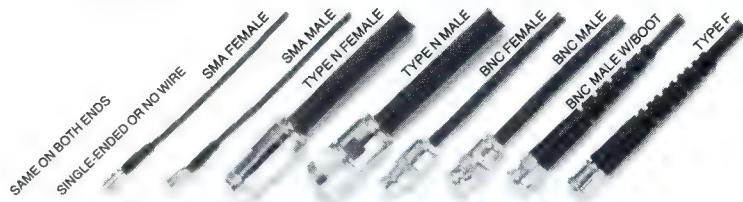
1) 2.44 (.096) 4 MTG Holes  
2) 3.56 (.140) 8 MTG Holes  
3) 3.81 (.150) 4 MTG Holes

4) 3.18 (.125) 4 MTG Holes  
5) 3.56 (.140) 4 MTG Holes  
6) 5.11 (.201) 4 MTG Holes

7) 2.54 (.100) with 1.40 (.055) Deep x 4.22 (.166) counterbore  
8) 3.18 (.125) with 5.94 (.234) Dia x 82° countersink.  
9) 3.56 (.140) Dia with 5.94 (.234) Dia x 82° countersink.

\*All covers clear anodized per MIL-A-8625

## Cable & Cord Selection Guide



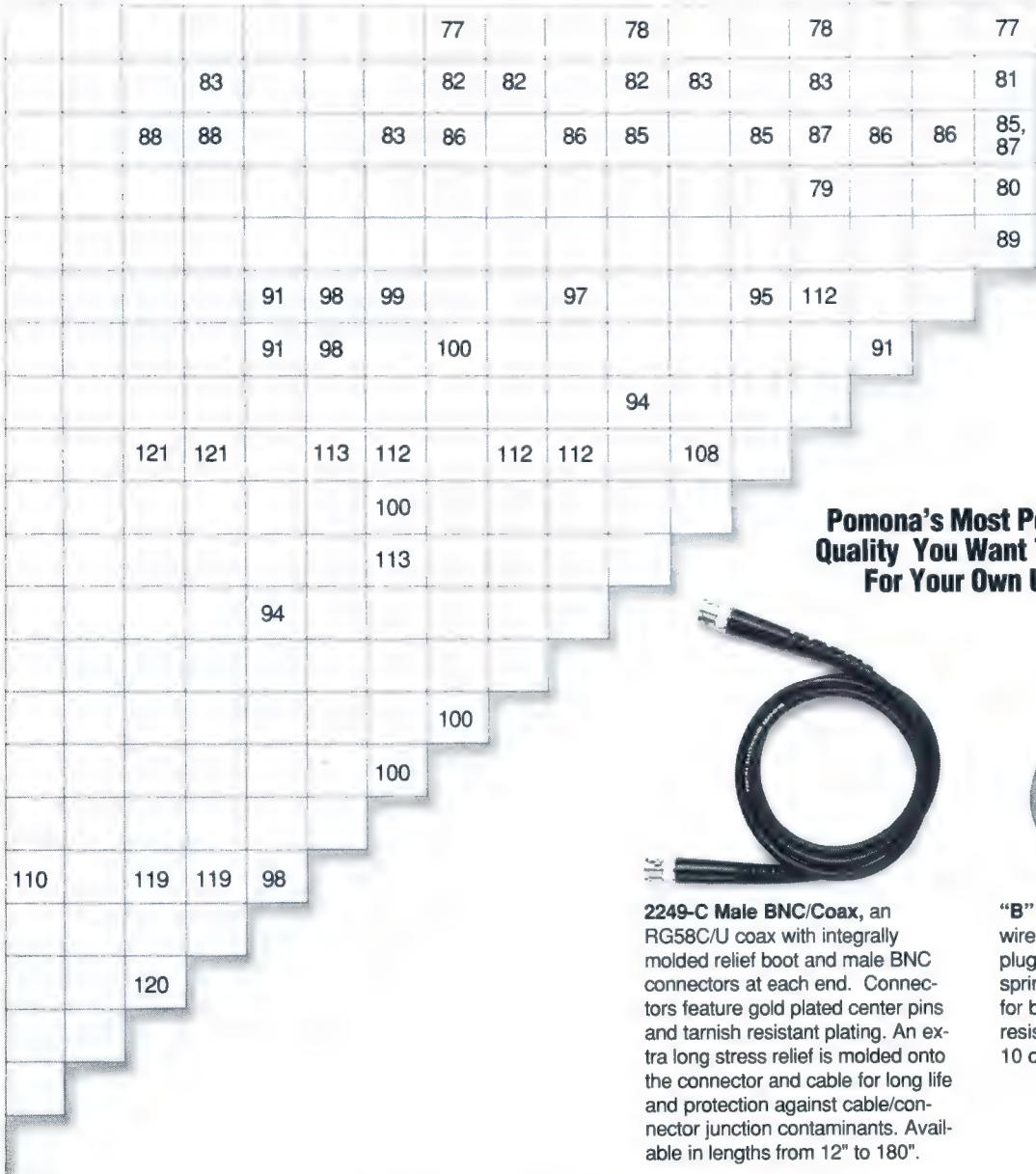
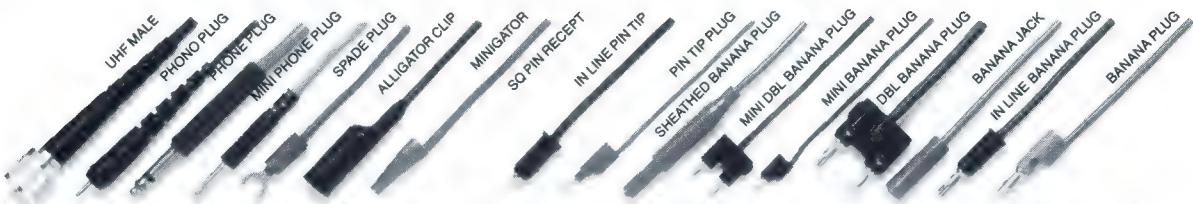
	SAME ON BOTH ENDS	SINGLE-ENDED OR NO WIRE	SMA FEMALE	SMA MALE	TYPE N FEMALE	TYPE N MALE	BNC FEMALE	BNC MALE	BNC MALE W/BOOT	TYPE F
SMD GRABBER®	78	77				117	116	78		
MICROGRABBER®	81,	81				116	116	82		
MINIGRABBER®	85,	84-				116	88,	88		
MINIPINCER	87	86								
MAXIGRABBER®	80	79				79		80		
		89						89		
BANANA PLUG	90,					115	111,	55		
IN LINE BANANA PLUG	113					115	115			
BANANA JACK	90,	20								
	91									
DBL BANANA PLUG	20					109	109			
MINI BANANA PLUG	108	22,				109	109			
MINI DBL BANANA PLUG	108	108								
RETRACTABLE SHEATHED BANANA PLUG	95	24				115	115			
PIN TIP PLUG	108	25						109		
IN LINE PIN TIP	93,							94		
SQ PIN RECEPT	94									
MINIGATOR	96					115				
ALLIGATOR	96,									
SPADE LUG	97,					117				
MINI PHONE PLUG	114									
PHONE PLUG	120									
PHONO PLUG	120									
UHF MALE	118							118	118	
TYPE F	103,							102		
	105									
BNC MALE W/BOOT	118							118		
BNC MALE	101,	101,					102			
	102	102								
BNC FEMALE	103,	104			105		104	104		
	105									
TYPE N MALE	102,				106		107			
	104									
TYPE N FEMALE	106				106	107				
SMA MALE	106	106								

### HOW TO SELECT THE CABLE OR CORD ASSEMBLY YOU NEED

1. Simply locate the ends of the cable or cord assembly you need, then pinpoint the intersection in the grid.

2. Refer to the page number shown for complete specifications, lengths and colors.

# POMONA



**Pomona's Most Popular!  
Quality You Want To Keep  
For Your Own Use.**



**2249-C Male BNC/Coax**, an RG58C/U coax with integrally molded relief boot and male BNC connectors at each end. Connectors feature gold plated center pins and tarnish resistant plating. An extra long stress relief is molded onto the connector and cable for long life and protection against cable/connector junction contaminants. Available in lengths from 12" to 180".

**"B" Cord**, 18AWG, PVC insulated wire with multiple stacking banana plugs. Nickel plated beryllium copper springs are swaged in a brass body for best spring retention, low contact resistance and long life. Available in 10 colors, in lengths from 4" to 72".

## Oscilloscope Probe Kits

Quality replacement probe kits contain the primary probe and a variety of slide-on interfaces for testing versatility.



Kit No. 4550: X1, X10 switchable,  
100 MHz bandwidth (@ 3dB)



Kit No. 5588: Modular, X1, X10 switchable,  
250 MHz bandwidth (@ 3dB)

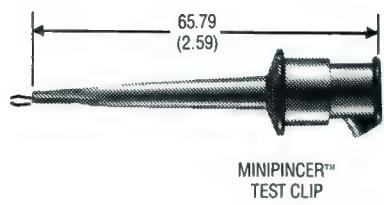
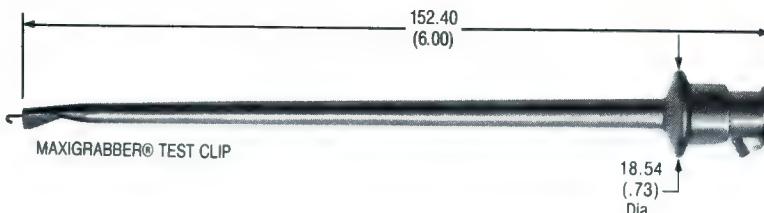
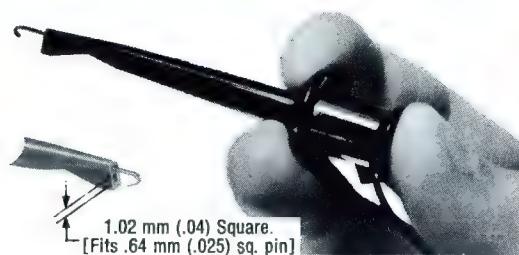
# POMONA

## SINGLE POINT TEST CLIPS

These plunger type action test clips are called Grabber test clips. The gold plated contact hook attaches rapidly to component leads and terminals. The specially designed tip (see illustration) slides easily on the 0.64 mm (.025) square wrapped wire terminals. The do-it-yourself Grabber test clips can be assembled quickly and easily by the user (see simplified instructions below). Grabber test clips can also be purchased as completed patch cords that are firmly molded together to provide a strong, reliable and integral unit.

### FEATURES:

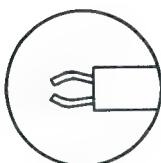
- Plunger type action between thumb and two fingers.
- Comfortable finger grip operation.
- Positive connection that won't pop off.
- No sharp teeth to damage or nick wires.



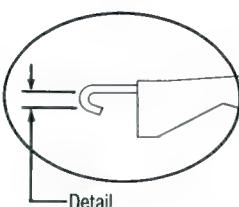
MINIPINCER™  
TEST CLIP



MINIGRABBER®  
TEST CLIP



SMD GRABBER®  
TEST CLIP



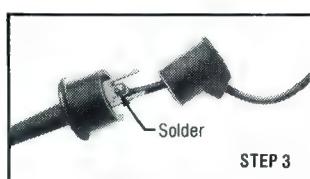
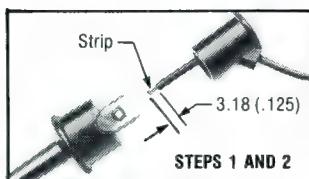
Detail  
Maxigrabber® Test Clip & Minigrabber Test Clip 1.27 (.05)  
Micrograbber Test Clip 1.02 (.04)  
(Inside Dimensions)



MICROGRABBER®  
TEST CLIP

### SIMPLIFIED ASSEMBLY PROCEDURE FOR DO-IT-YOURSELF MICROGRABBER®, MINIGRABBER®, MAXIGRABBER® AND SMD GRABBER® TEST CLIPS

1. Pull off thumb cap to expose contact connection.
2. Thread wire through thumb cap and strip 2.18 mm (.125).
3. Insert stripped end through tapered hole on contact, and solder.  
NOTE: Stripped end should be placed into the large opening of the tapered hole.
4. Slide thumb cap back onto contact.

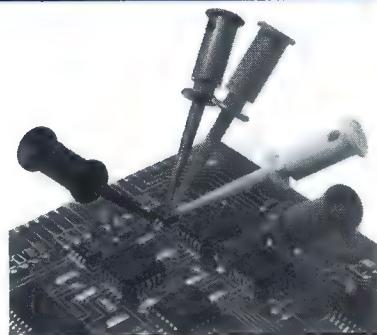
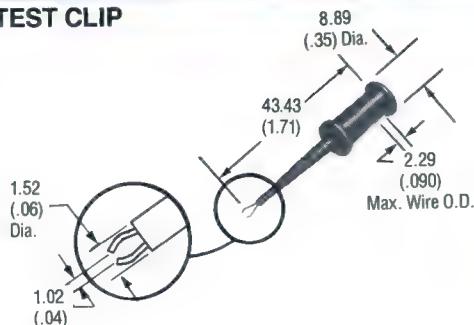


# POMONA

## SMD MICRO TEST CLIPS

### DO-IT-YOURSELF SMD GRABBER® TEST CLIP

The SMD Grabber® Test Clip is especially suited for testing surface mounted packages on centers as small as 0.76mm (.030). Pincer-like contact graps individual legs of SMD's such as the SOIC, SOJ, PCC, etc. Its circular design and small size have been developed for easy use and handling.



MODEL
5243-*

LIST 1.65

(Pkg. 10 Per Color)

### DO-IT-YOURSELF SMD GRABBER® KITS



MODEL	Features	LIST per Kit
5231-*	Kit contains 2 pcs. of 5243.	3.55
5520	Kit contains 10 pcs. of 5243, one of each color.	14.85

\*STD COLORS: -0 one Black and one Red, -00 two Black, -11 two Brown, -22 two Red, -33 two Orange, -44 two Yellow, -55 two Green, -66 two Blue, -77 two Violet, -88 two Gray, -99 two White.

### SMD GRABBER® TEST CLIP WITH 0.64mm (.025) SQUARE PIN

1ST END: Contact, stainless steel, selectively gold plated.

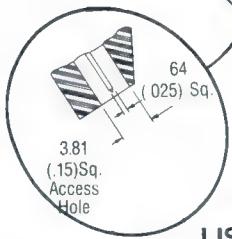
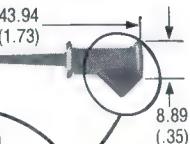
INSULATION: Glass filled nylon.

2ND END: Square pin, phosphor bronze, gold plated.

RATING: 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.

\*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL
5360



LIST 2.00

### SMD GRABBER® TEST CLIP, ONE END ONLY



MODEL	Length	LIST
5303-8-*	203.2 (8.0)	3.65
5303-12-*	304.8 (12.0)	3.65
5303-24-*	609.6 (24.0)	3.65
5303-36-*	914.4 (36.0)	3.65

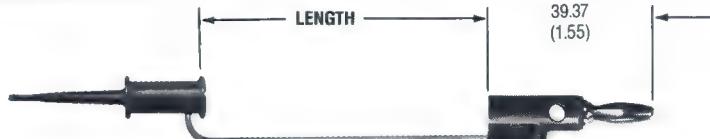
1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation: glass filled nylon.  
WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: None.

RATING: 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### SMD GRABBER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
5302-12-*	304.8 (12.0)	4.95
5302-24-*	609.6 (24.0)	4.95
5302-36-*	914.4 (36.0)	4.95

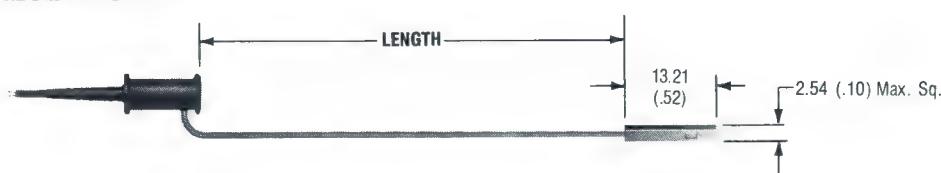
1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation: glass filled nylon.  
WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

RATING: 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### SMD GRABBER® TEST CLIP TO 0.64mm (.025) SQ. PIN RECEPTACLE



MODEL	Length	LIST
5412-12-*	304.8 (12.0)	5.15
5412-24-*	609.6 (24.0)	5.15
5412-36-*	914.4 (36.0)	5.15

1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation: glass filled nylon.  
WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: 0.64 mm (.025) Square Pin Receptacle. Gold plated phosphor bronze. ABS insulation.

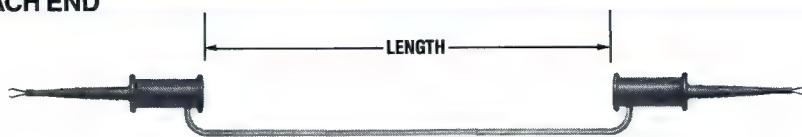
RATING: 1000 WVDC; 0.5 Amps; +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

# POMONA

## SMD MICRO TEST CLIPS

### SMD GRABBER® TEST CLIP, EACH END



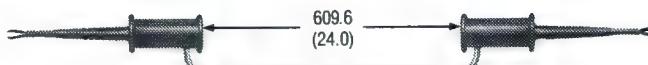
MODEL	Length	LIST
5301-6*	152.4 (6.0)	5.30
5301-12*	304.8 (12.0)	5.30
5301-24*	609.6 (24.0)	5.30
5301-36*	914.4 (36.0)	5.30

**1ST END:** SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.  
**WIRE:** 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

**2ND END:** Same as first end.  
**RATING:** 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### SMD GRABBER® TEST CLIP PATCH CORD KIT

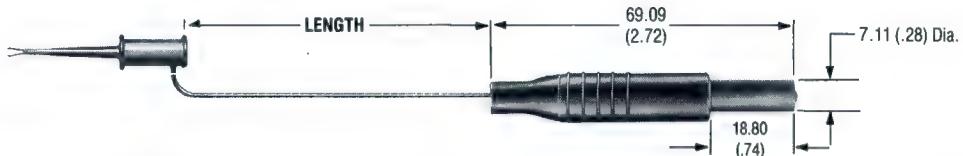
Kit contains 10 pcs.  
of Model 5301-24.  
1 of each color.



MODEL
5521

**LIST 47.70 KIT**

### SMD GRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

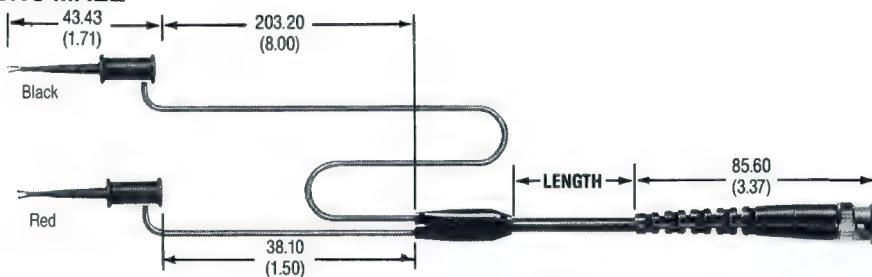


MODEL	Length	LIST
5362-8*	203.2 (8.0)	8.00
5362-12*	304.8(12.0)	8.00
5362-24*	609.6(24.0)	8.00
5362-36*	914.4(36.0)	8.00
5362-48*	1219.2(48.0)	8.20
5362-60*	1524.0(60.0)	8.40

**1ST END:** SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.  
**WIRE:** 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

**2ND END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; nylon.  
**RATING:** 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### SMD GRABBER® TEST CLIPS TO BNC MALE

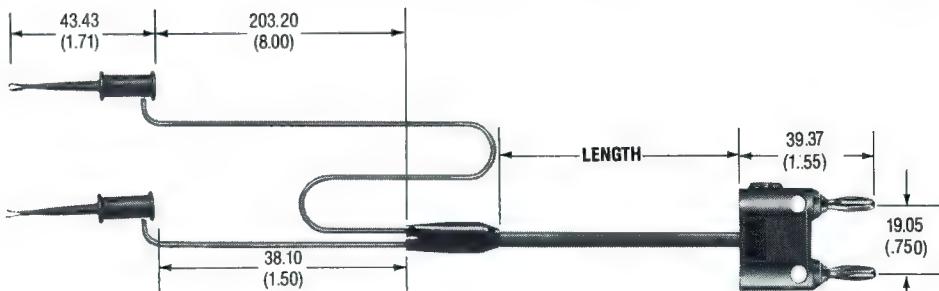


MODEL	Length	LIST
5304-K-24	609.6 (24.0)	18.35
5304-K-36	914.4 (36.0)	18.35

**1ST END:** SMD Grabber® Test Clips. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 174/U, 2.54mm (.100) O.D. Y-Mold insulation, PVC, black.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot, PVC, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### SMD GRABBER® TEST CLIPS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
5411-C-24	609.6 (24.0)	16.85
5411-C-36	914.4 (36.0)	17.45
5411-C-48	1219.2 (48.0)	18.05
5411-C-60	1524.0 (60.0)	18.65

**1ST END:** SMD Grabber® Test Clips. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation, PVC, black.

**2ND END:** Double Banana Plug. Nickel plated brass body, beryllium copper spring. Black polyethylene insulation.  
**RATING:** 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.

# POMONA

## MINIPINCER® TEST CLIPS

### DO-IT-YOURSELF MINIPINCER® TEST CLIP

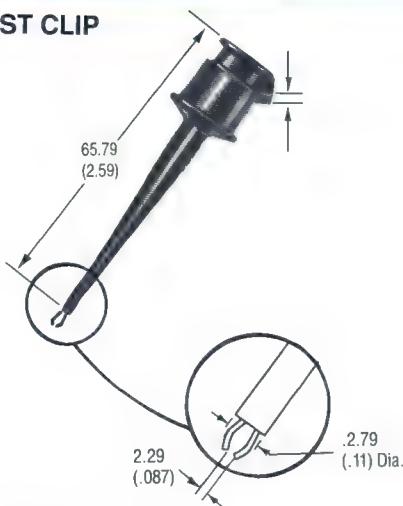
This clip utilizes a snap-on cap and a solder contact to provide reliable connections. The lower contact has a pincer type action ideally suited for testing standard DIP packages.

**MATERIAL:** Beryllium copper contact.  
**FINISH:** Selectively gold plated.

**INSULATION:** Nylon.

**RATING:** 1000 WVDC; 5 Amps; +80°C. (+176°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



**MODEL**  
5418\*

**LIST 1.50**

### MINIPINCER® TEST CLIP WITH 0.64 (.025) SQUARE PIN

This clip has similar pincer contact as Model 5418 (above) and includes recessed 0.64mm (.025) square pin in cap.

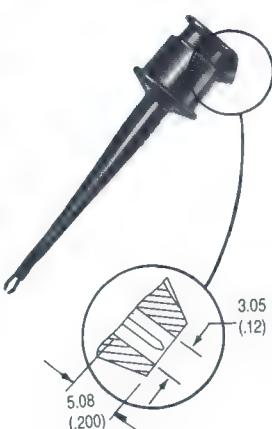
**1ST END:** Contact, beryllium copper, selectively gold plated.

**INSULATION:** Nylon.

**2ND END:** Square pin.

**RATING:** 1000 WVDC, 3 Amps +80°C. (+176°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



**MODEL**  
5430-\*

**LIST 3.50**

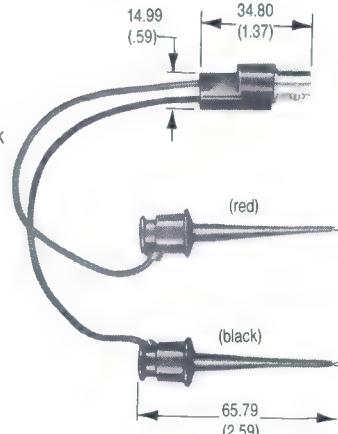
### BNC FEMALE TO MINIPINCER® TEST CLIPS

**1ST END:** BNC Female. Tarnish resistant plated brass body. Gold plated beryllium copper center contact. Insulation: polypropylene, black.

**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D. One black and one red.

**2ND END:** Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.

**RATING:** 500 VRMS; +55°C. (+131°F.) Max.

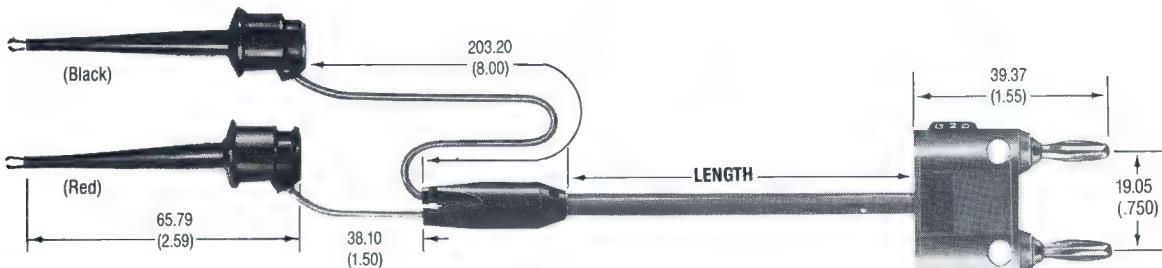


OVERALL LENGTH: 177.8 (7.0).

**MODEL**  
5424

**LIST 8.75**

### MINIPINCER® TEST CLIPS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
5422-C-18	457.2 (18.0)	13.05
5422-C-24	609.6 (24.0)	13.35
5422-C-36	914.4 (36.0)	13.95
5422-C-48	1219.2 (48.0)	14.55
5422-C-60	1524.0 (60.0)	15.15

**1ST END:** Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.

**CABLE:** Shielded coaxial, RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

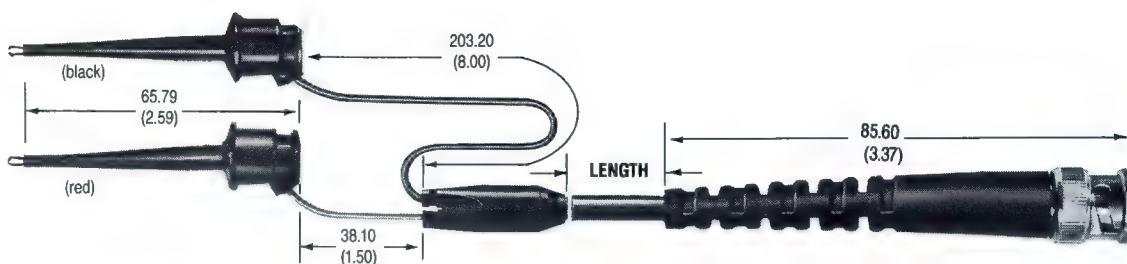
**2ND END:** Double Banana Plug. Nickel plated brass body, beryllium copper spring. Black polyethylene insulation.

**RATING:** 1000 WVDC, +50°C. (+122°F.) Max.

# POMONA

## MINIPINCER® TEST CLIPS

### MINIPINCER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
5423-C-18	457.2 (18.0)	13.35
5423-C-24	609.6 (24.0)	13.65
5423-C-36	914.4 (36.0)	14.25
5423-C-48	1219.2 (48.0)	14.85
5423-C-60	1524.0 (60.0)	15.45

**1ST END:** Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.  
**CABLE:** Shielded coaxial, RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Boot; PVC, black.  
**RATING:** 500 VRMS, +50°C. (+122°F.) Max.

### MINIPINCER® TEST CLIP, EACH END

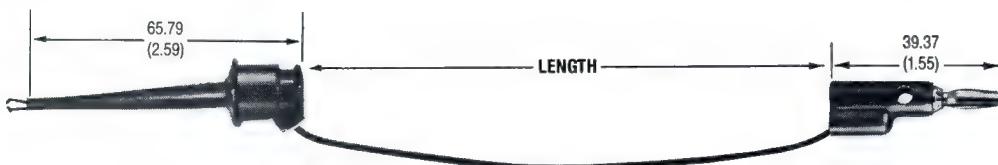


MODEL	Length	LIST
5419-8-*	203.2(8.0)	3.70
5419-12-*	304.8(12.0)	3.75
5419-18-*	457.2(18.0)	3.85
5419-24-*	609.6(24.0)	3.95
5419-36-*	914.4(36.0)	4.15
5419-48-*	1219.2(48.0)	4.35
5419-60-*	1524.0(60.0)	4.55

**1ST END:** Minipincer™ Test Clip. Selectively gold plated beryllium copper contact. Nylon insulation.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND WIRE:** Same as first end.

**RATING:** 1000 WVDC; 5 Amps; +80°C. (+176°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MINIPINCER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
5421-12-*	304.8(12.0)	3.75
5421-24-*	609.6(24.0)	3.95
5421-36-*	914.4(36.0)	4.15
5421-48-*	1219.2(48.0)	4.35
5421-60-*	1524.0(60.0)	4.55

**1ST END:** Minipincer™ Test Clip. Selectively gold plated beryllium copper contact. Nylon insulation.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** Stacking Banana Plug. Nickel plated brass body, beryllium copper spring. Polypropylene insulation.  
**RATING:** 1000 WVDC, 5 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## MICROGRABBER® TEST CLIPS

### MICROGRABBER® TEST CLIP WITH 0.64 mm (.025) SQUARE PIN

**MATERIAL:** Contact, beryllium copper. Square pin, phosphor bronze.

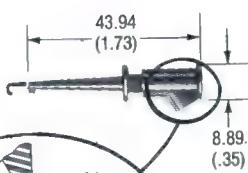
**FINISH:** Gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 1000 WVDC; 3 Amps; +102°C.

(+216°F.) Max.

\***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



**MODEL**

4521-\*

**LIST 2.30**

### DO-IT-YOURSELF MICROGRABBER® TEST CLIP

**MATERIAL:** Contact, beryllium copper.

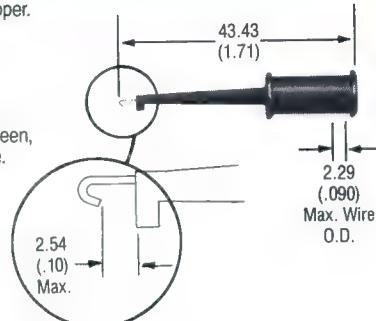
**FINISH:** Gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 1000 WVDC; 3 Amps;

+102°C. (+216°F.) Max.

\***STD COLOR:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



(See assembly details, page 76.)

**LIST 1.25 EA.**

(Pkg. Ten Per Color)

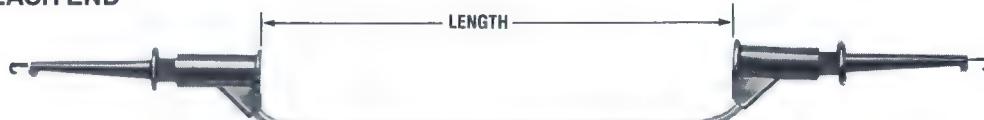
### DO-IT-YOURSELF MICROGRABBER® TEST CLIP KITS

MODEL	Features	LIST per Kit
4743-*	Kit contains 2 pcs. of 4233.	3.05
5524	Kit contains 10 pcs. of 4233, one of each color.	11.00

\***STD COLORS:** -02 one Black and one Red, -00 two Black, -11 two Brown, -22 two Red, -33 two Orange, -44 two Yellow, -55 two Green, -66 two Blue, -77 two Violet, -88 two Gray, -99 two White.



### MICROGRABBER® TEST CLIP, EACH END



MODEL	Length	LIST
4613-12*	304.8(12.0)	4.95
4613-24*	609.6(24.0)	4.95
4613-36*	914.4(36.0)	4.95
4613-48*	1219.2(48.0)	5.15

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation: glass filled nylon.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 1000 WVDC, 3 Amps; +102°C. (+216°F.) Max.  
\***STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIP PATCH CORD KIT

Kit contains 10 pcs. of Model 4613-24. 1 of each color.



MODEL
5525

**LIST 44.55 KIT**

### MICROGRABBER® TEST CLIP, ONE END ONLY

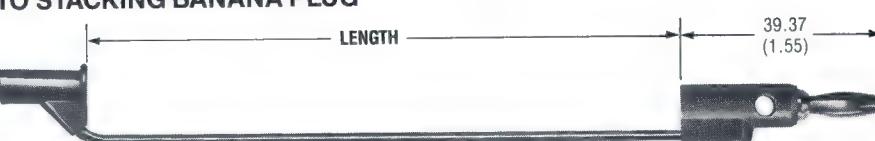


MODEL	Length	LIST
5043-8-*	203.2 (8.0)	3.60
5043-12-*	304.8 (12.0)	3.60
5043-24-*	609.6 (24.0)	3.60
5043-36-*	914.4 (36.0)	3.80
5043-48-*	1219.2 (48.0)	4.00

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation: glass filled nylon.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** None.  
**RATING:** 1000 WVDC; 3 Amps; +102°C. (+216°F.) Max.  
\***STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
5053-12-*	304.8 (12.0)	4.85
5053-24-*	609.6 (24.0)	4.85
5053-36-*	914.4 (36.0)	4.85
5053-48-*	1219.2 (48.0)	5.05
5053-60-*	1524.0 (60.0)	5.25

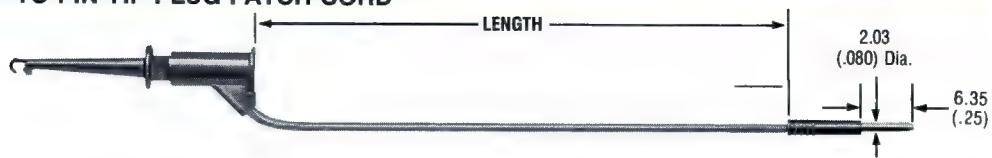
**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation: glass filled nylon.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.  
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

**RATING:** 1000 WVDC; 3 Amps; +55°C. (+131°F.) Max.  
\***STD COLORS:** -0 Black, -2 Red.

# POMONA

## MICROGRABBER® TEST CLIP PATCH CORDS

### MICROGRABBER® TEST CLIP TO PIN TIP PLUG PATCH CORD

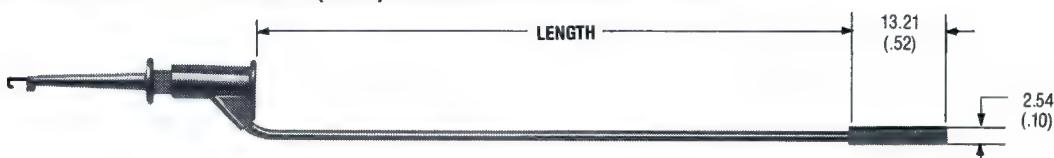


MODEL	Length	LIST
4716-12*	304.8(12.0)	4.55
4716-24*	609.6(24.0)	4.55
4716-36*	914.4(36.0)	4.55

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.  
**WIRE:** 22 AWG 26×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** Pin tip plug. Brass, gold plated. Insulation; polypropylene.  
**RATING:** 1000 WVDC, 3 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIP TO 0.64mm (.025) SQUARE PIN RECEPTACLE

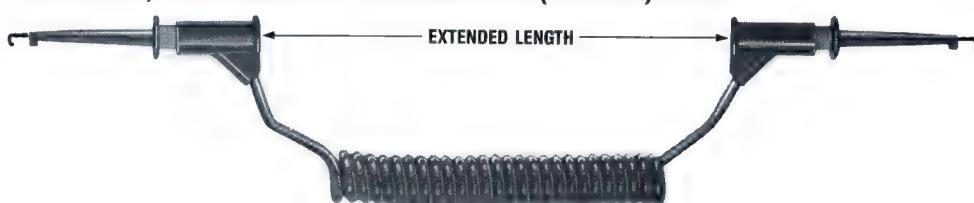


MODEL	Length	LIST
4919-12*	304.8 (12.0)	4.30
4919-24*	609.6 (24.0)	4.30
4919-36*	914.4 (36.0)	4.30

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.  
**WIRE:** 22 AWG 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.  
**2ND END:** 0.64mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation, ABS.

**RATING:** 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIP, EACH END WITH RETRACTILE (COILED) CORD

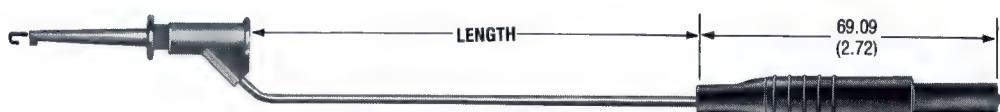


MODEL	Length	LIST
5200-36*	914.4(36.0)	9.10
5200-48*	1219.2(48.0)	10.00
5200-60*	1524.0(60.0)	10.90

Permits the use of one size patch cord in place of many various lengths. (Replaces Model 5160)  
**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.  
**WIRE:** 26 AWG, 10×36 non-tinned copper, polyurethane insulated, 2.24mm (.088) O.D.

**2ND END:** Same as first end.  
**RATING:** 1000 WVDC, 3 Amps; +80°C. (+176°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

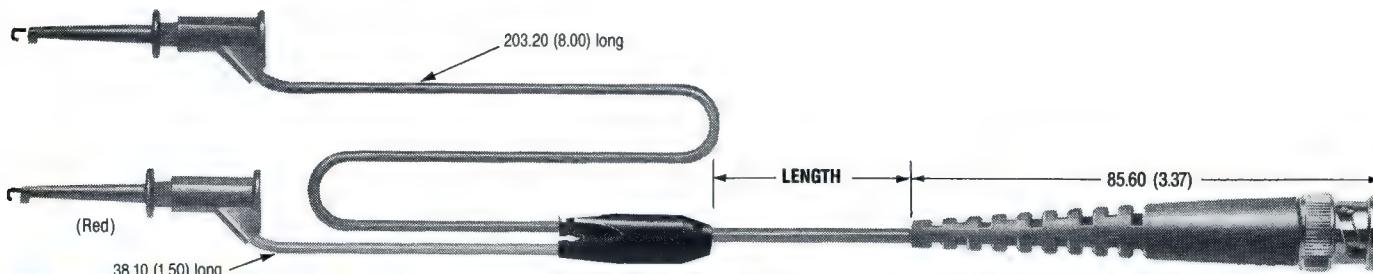


MODEL	Length	LIST
5339-8*	203.2(8.0)	6.85
5339-12*	304.8(12.0)	6.85
5339-24*	609.6(24.0)	6.85
5339-36*	914.4(36.0)	6.85
5339-48*	1219.2(48.0)	7.05
5339-60*	1524.0(60.0)	7.25

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.  
**RATING:** 1000 WVDC, 3 Amps; +80°C. (+176°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MICROGRABBER® TEST CLIPS TO BNC MALE



RG 58C/U	LIST	RG 174/U	Length	LIST
4777-C-24	13.95	4777-K-24	609.6 (24.0)	20.15
4777-C-36	14.55	4777-K-36	914.4 (36.0)	20.15
4777-C-48	15.15	4777-K-48	1219.2 (48.0)	20.75
4777-C-60	15.75	4777-K-60	1524.0 (60.0)	21.35

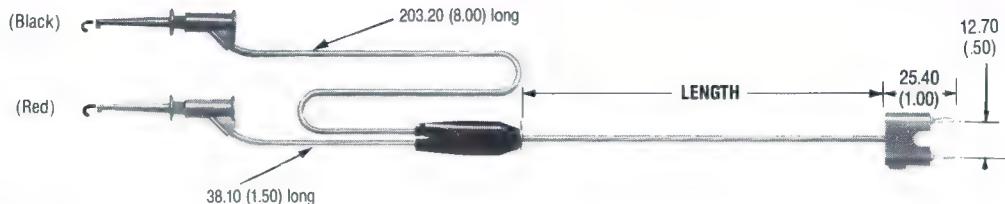
**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 58C/U, 4.95mm (.195) O.D. or RG 174/U 2.54mm (.100) O.D. Y-Mold insulation: PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal impedance: 50 Ohms. Boot; PVC, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

# POMONA

## MICROGRABBER® TEST CLIP PATCH CORDS

### MICROGRABBER® TEST CLIPS TO MINIATURE DOUBLE BANANA PLUG

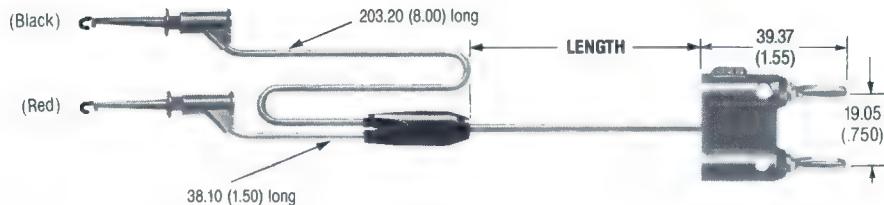


MODEL	Length	LIST
4776-K-24	609.6 (24.0)	16.65
4776-K-36	914.4 (36.0)	16.65
4776-K-48	1219.2 (48.0)	17.25
4776-K-60	1524.0 (60.0)	17.85

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 174/U 2.54mm (.100) O.D. Y-Mold insulation: PVC, black.

**2ND END:** Double Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.  
**RATING:** 1000 WVDC; +50°C. (+122°F.) Max.

### MICROGRABBER® TEST CLIPS TO DOUBLE BANANA PLUG

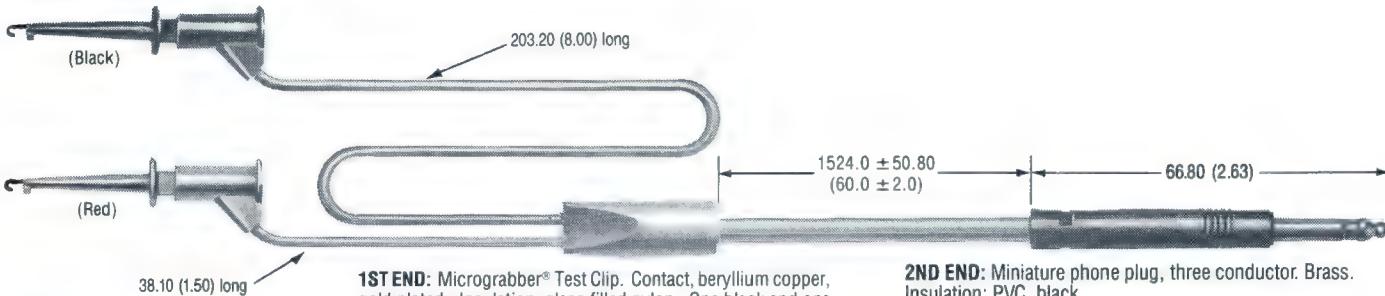


MODEL	Length	LIST
4768-K-24	609.6 (24.0)	15.05
4768-K-36	914.4 (36.0)	15.05
4768-K-48	1219.2 (48.0)	15.65
4768-K-60	1524.0 (60.0)	16.25

**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 174/U 2.54mm (.100) O.D. Y-Mold insulation: PVC, black.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.  
**RATING:** 1000 WVDC; +50°C. (+122°F.) Max.

### MICROGRABBER® TEST CLIPS TO MINIATURE PHONE PLUG



MODEL
4778-60

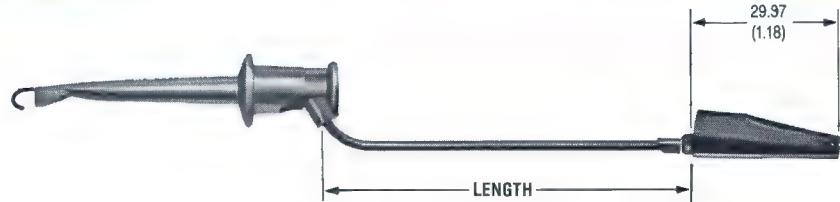
**1ST END:** Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57 (.180) O.D. Y-mold insulation, PVC, gray.

**2ND END:** Miniature phone plug, three conductor. Brass. Insulation; PVC, black.  
**WIRING:** Tip to red Micrograbber, ring to black, sleeve, no connection.  
**RATING:** 500 V Peak; +50°C. (+122°F.) Max.

**LIST 32.75**

## MINIGRABBER® TEST CLIP PATCH CORDS

### MINIGRABBER® TEST CLIP TO MINIGATOR



MODEL	Length	LIST
4652-12-*	304.8 (12.0)	4.55
4652-24-*	609.6 (24.0)	4.55
4652-36-*	914.4 (36.0)	4.55
4652-48-*	1219.2 (48.0)	4.75

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Minigator. Steel, cadmium plated. Insulation; Vinyl.  
**RATING:** 3000 WVDC; 5 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## MINIGRABBER® TEST CLIPS

### DO-IT-YOURSELF MINIGRABBER® TEST CLIP

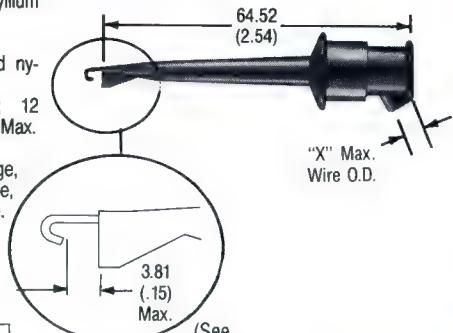
**MATERIAL:** Contact, beryllium copper.

**FINISH:** Gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 3000 WVDC; 12 Amps. + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

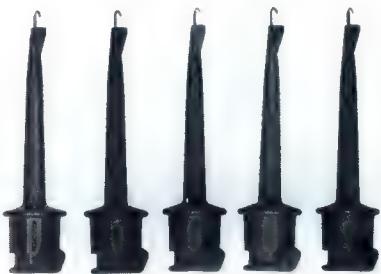


MODEL	"X" Dia.
3925-*	2.29 (.090)
4555-*	3.66 (.144)

(See assembly details, page 76.)

**LIST 1.20 EA.**  
(Pkg. Ten Per Color)

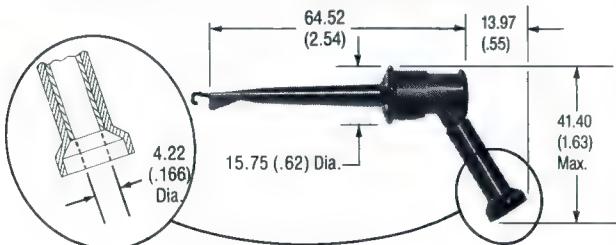
### DO-IT-YOURSELF MINIGRABBER® TEST CLIP KITS



MODEL	Features	LIST per Kit
4176-*	Kit contains 2 pcs of 3925.	2.75
5522	Kit contains 10 pcs. of 3925, one of each color.	11.00

**\*STD COLORS:** -02 one Black and one Red, -00 two Black, -11 two Brown, -22 two Red, -33 two Orange, -44 two Yellow, -55 two Green, -66 two Blue, -77 two Violet, -88 two Gray, -99 two White.

### MINIGRABBER® TEST CLIP WITH BANANA JACK



This Minigrabber® test clip has a standard banana jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a banana plug patch cord.

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated.

**INSULATION:** Glass filled nylon.

**2ND END:** Banana jack. Brass, nickel plated.

**RATING:** 3000 WVDC; 12 Amps; + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL
4723-*

**LIST 3.75**

### MINIGRABBER® TEST CLIP WITH 0.64 mm (.025) SQUARE PIN

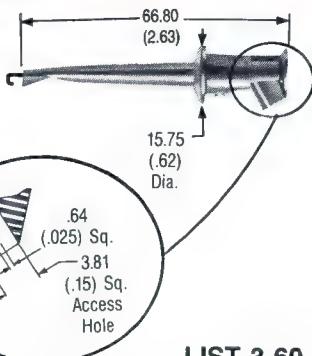
**MATERIAL:** Contact, beryllium copper. Square pin, phosphor bronze.

**FINISH:** Gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 2500 WVDC; 3 Amps; + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL
4587-*

**LIST 3.60**

### MINIGRABBER® TEST CLIP WITH 6-32 THREAD

This Grabber test clip can be used with oscilloscope leads equipped with a 6-32 screw.

**MATERIAL:** Contact, beryllium copper. Threaded insert, brass.

**FINISH:** Contact, gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 3000 WVDC, 12 Amps, + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.



MODEL
4011-*

**LIST 2.85**

### 6-32 SCREW-ON TIP

Can be crimped or soldered to wire. Supplied with shrink sleeving. Mates with Model 4011.



**MATERIAL:** Brass.

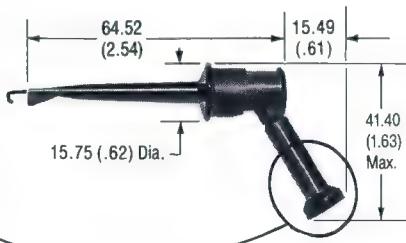
**FINISH:** Nickel plated.

**INSULATION:** Shrink sleeving.

MODEL
4311

**LIST 2.25**

### MINIGRABBER® TEST CLIP WITH PIN JACK



This Minigrabber® test clip has a pin jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a pin tip patch cord or it can be used as an adapter for miniature test probes with 2.03mm (.080) tips.

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated.

**INSULATION:** Glass filled nylon.

**2ND END:** Pin jack. Spring, beryllium copper, gold plated.

**RATING:** 2500 WVDC; 5 Amps; + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red, -9 White.

MODEL
4826-*

**LIST 5.15**

# POMONA

## MINIGRABBER® TEST CLIP PATCH CORDS

### MINIGRABBER® TEST CLIP ONE END ONLY

MODEL	Length	LIST
3780-8-*	203.2 (8.0)	2.00
3780-12-*	304.8 (12.0)	2.00
3780-24-*	609.6 (24.0)	2.00
3780-36-*	914.4 (36.0)	2.00
3780-48-*	1219.2 (48.0)	2.20
3780-60-*	1524.0 (60.0)	2.40



**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** None.

**RATING:** 3000 WVDC; 5 Amps; +102°C. (+216°F.) Max.  
**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.  
**\*\*STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP EACH END

MODEL	Length	LIST
3781-8-*	203.2 (8.0)	3.05
3781-12-*	304.8 (12.0)	3.05
3781-18-*	457.2 (18.0)	3.05
3781-24-*	609.6 (24.0)	3.05
3781-36-*	914.4 (36.0)	3.05
3781-48-*	1219.2 (48.0)	3.25
3781-60-*	1524.0 (60.0)	3.45

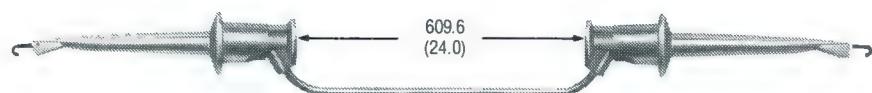


**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** Same as first end.

**RATING:** 3000 WVDC; 5 Amps; +102°C. (+216°F.) Max.  
**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

### MINIGRABBER® TEST CLIP PATCH CORD KIT

Kit contains 10 pcs.  
of Model 3781-24.  
1 of each color.



MODEL
5523

**LIST 27.45 KIT**

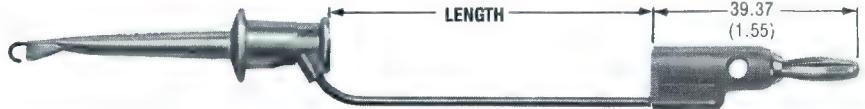
### MINIGRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

MODEL	Length	LIST
5270-12-*	304.8 (12.0)	5.70
5270-24-*	609.6 (24.0)	5.70
5270-36-*	914.4 (36.0)	5.70
5270-48-*	1219.2 (48.0)	5.90
5270-60-*	1524.0 (60.0)	6.10

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.

**RATING:** 1200 V AC/DC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
3782-12-*	304.8 (12.0)	3.05
3782-24-*	609.6 (24.0)	3.05
3782-36-*	914.4 (36.0)	3.05
3782-48-*	1219.2 (48.0)	3.25
3782-60-*	1524.0 (60.0)	3.45

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

### MINIGRABBER® TEST CLIP TO STACKING MINIATURE BANANA PLUG



MODEL	Length	LIST
3784-12-*	304.8 (12.0)	3.75
3784-24-*	609.6 (24.0)	3.75
3784-36-*	914.4 (36.0)	3.75
3784-48-*	1219.2 (48.0)	3.95
3784-60-*	1524.0 (60.0)	4.15

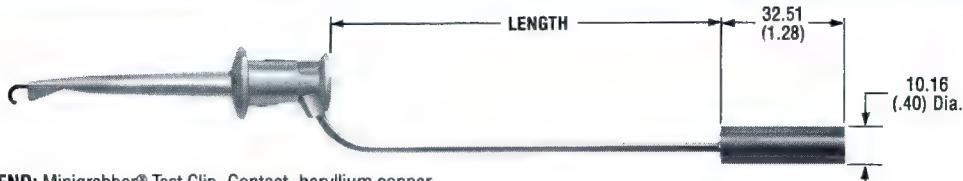
**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated, Polypropylene insulation.

**RATING:** 2500 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## MINIGRABBER® TEST CLIP PATCH CORDS

### MINIGRABBER® TEST CLIP TO IN-LINE BANANA JACK



**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

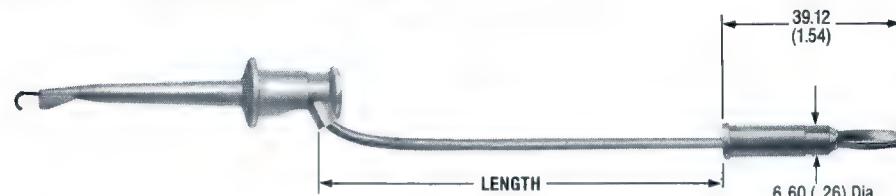
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.

**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP TO IN-LINE BANANA PLUG



**1ST END:** Minigrabber® Test Clip, Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

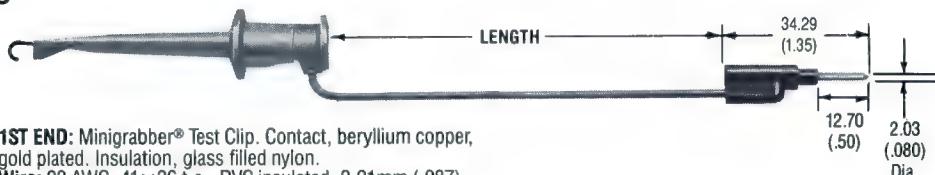
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP TO STACKING PIN TIP PLUG



**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

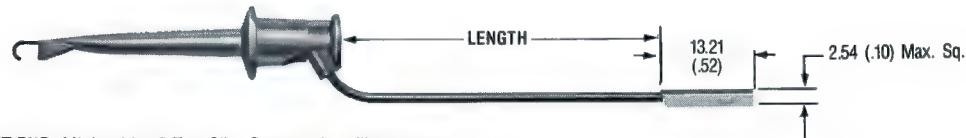
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

**2ND END:** Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation, polypropylene.

**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP TO 0.64 mm (.025) SQUARE PIN RECEPTACLE



**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

**WIRE:** 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

**2ND END:** 0.64mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation, ABS.

**RATING:** 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP, ONE END ONLY WITH RETRACTILE (COILED) CORD



**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

**WIRE:** 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

**2ND END:** None.

**RATING:** 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.

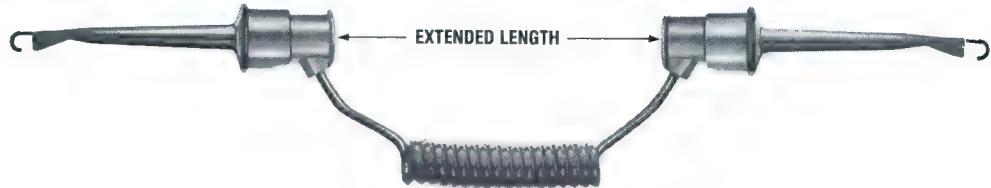
\***STD COLORS:** -0 Black, -2 Red.

**LIST 8.00**

# POMONA

## MINIGRABBER® TEST CLIP PATCH CORDS

### MINIGRABBER® TEST CLIP EACH END WITH RETRACTILE (COILED) CORD



MODEL	Length	LIST
5201-36-*	914.4 (36.0)	9.15
5201-48-*	1219.2 (48.0)	10.05
5201-60-*	1524.0 (60.0)	10.95

Permits the use of one size patch cord in place of many various lengths. (Replaces Model 5161)

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, nylon.

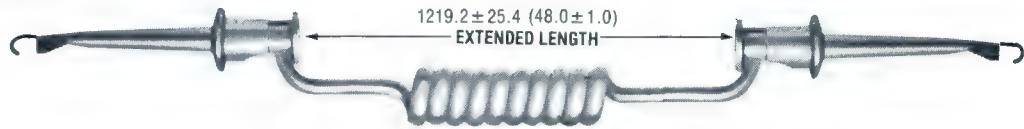
**WIRE:** 26 AWG, 10×36 non-tinned copper, polyurethane insulated, 2.24mm (.088) O.D.

**2ND END:** Same as first end.

**RATING:** 1000 WVDC; 3 Amps; +80°C. (+176°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### MINIGRABBER® TEST CLIP, EACH END WITH RETRACTILE (COILED) CORD



MODEL
4537-*

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

**WIRE:** 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

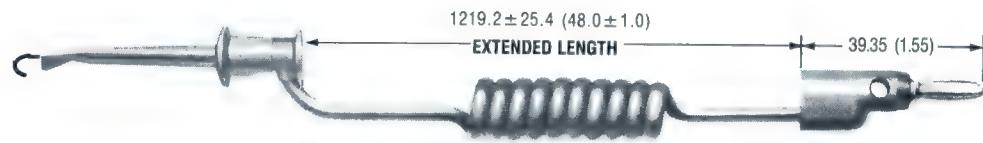
**2ND END:** Same as first end.

**RATING:** 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

**LIST 10.10**

### MINIGRABBER® TEST CLIP TO STACKING BANANA PLUG WITH RETRACTILE (COILED) CORD



MODEL
4538-*

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

**WIRE:** 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

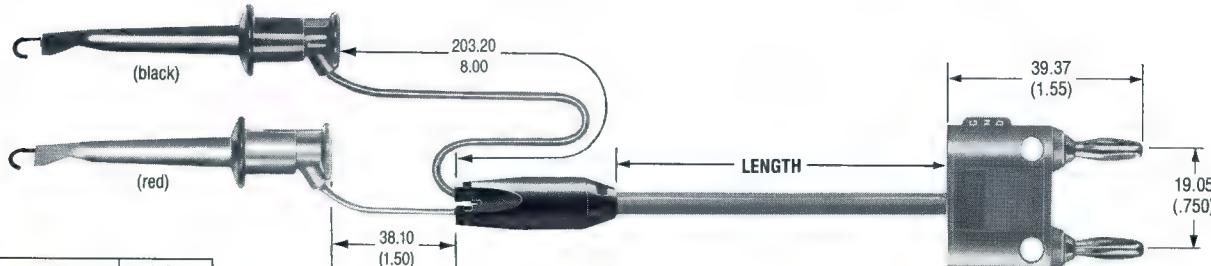
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

**RATING:** 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

**LIST 9.00**

### MINIGRABBER® TEST CLIPS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
3786-C-18	457.2 (18.0)	12.15
3786-C-24	609.6 (24.0)	12.15
3786-C-36	914.4 (36.0)	12.15
3786-C-48	1219.2 (48.0)	12.75
3786-C-60	1524.0 (60.0)	13.35

**1ST END:** Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon. One black and one red.

**CABLE:** Shielded coax., RG 58C/U, 4.95 mm (.195) O.D., Y-Mold Insulation. PVC, Black.

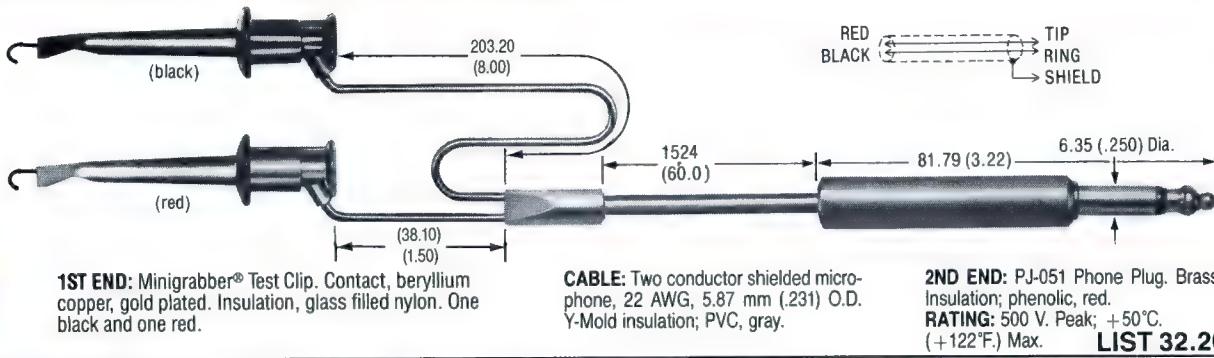
**2ND END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.

**RATING:** 1400 VRMS; +50°C. (+122°F.) Max.

# POMONA

## MINIGRABBER® TEST CLIP PATCH CORDS

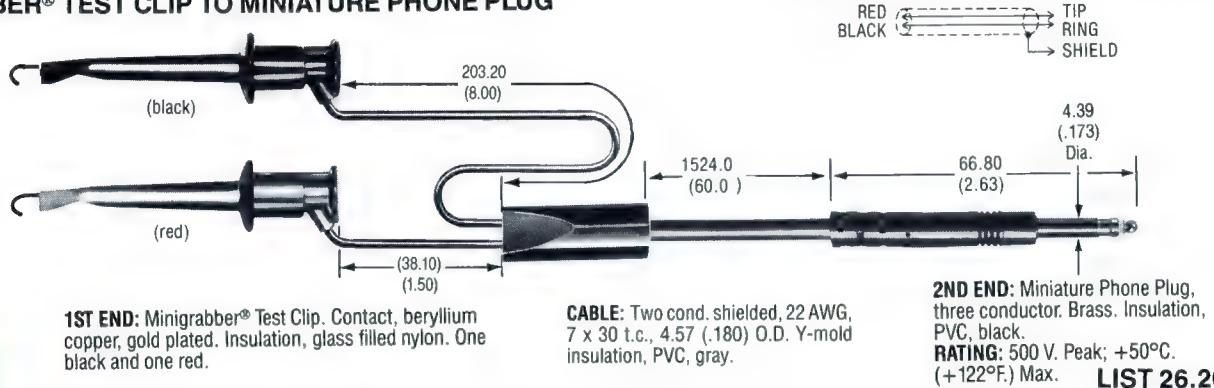
### MINIGRABBER® TEST CLIPS TO PJ-051 (WE310) PHONE PLUG



**MODEL**

4812-J-60

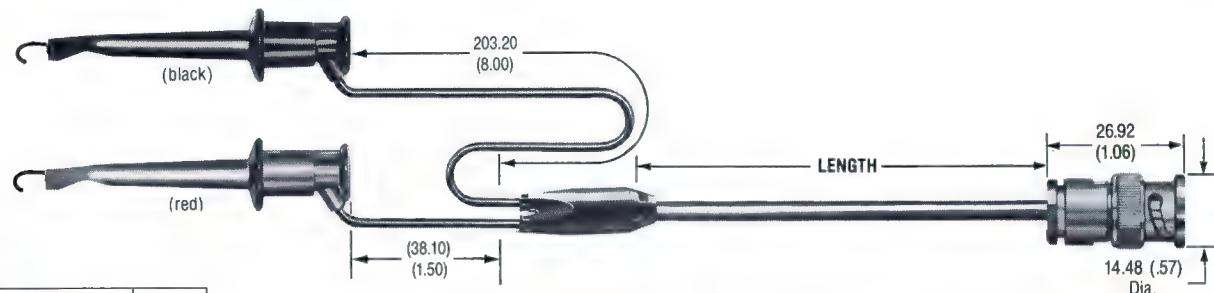
### MINIGRABBER® TEST CLIP TO MINIATURE PHONE PLUG



**MODEL**

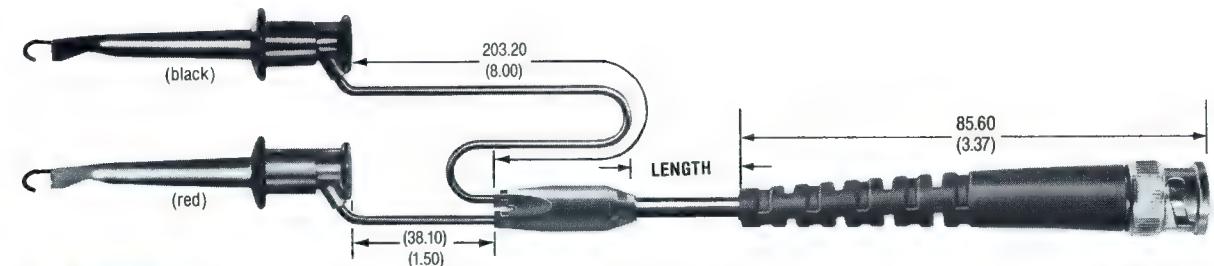
5019-60

### MINIGRABBER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
3787-C-18	457.2 (18.0)	12.50
3787-C-24	609.6 (24.0)	12.50
3787-C-36	914.4 (36.0)	12.50
3787-C-48	1219.2 (48.0)	13.10
3787-C-60	1524.0 (60.0)	13.70

### MINIGRABBER® TEST CLIPS TO BNC MALE



RG58C/U	LIST	RG174/U	Length	LIST
5187-C-24	12.50	5187-K-24	609.6 (24.0)	17.50
5187-C-36	12.50	5187-K-36	914.4 (36.0)	17.50
5187-C-48	13.10	5187-K-48	1219.2 (48.0)	18.10
5187-C-60	13.70	5187-K-60	1524.0 (60.0)	18.70

# POMONA

## MAXIGRABBER® TEST CLIPS

### DO-IT-YOURSELF MAXIGRABBER® TEST CLIP

The Maxigrabber® test clip is an extended do-it-yourself Grabber test clip designed specifically for high-rise packaging of electronic components where depth of testing point is a key factor. The Maxigrabber® test clip will fit entry holes as small as 6.35 mm (.250) dia. and the unit is completely field serviceable.

**MATERIAL:** Contact, beryllium copper.

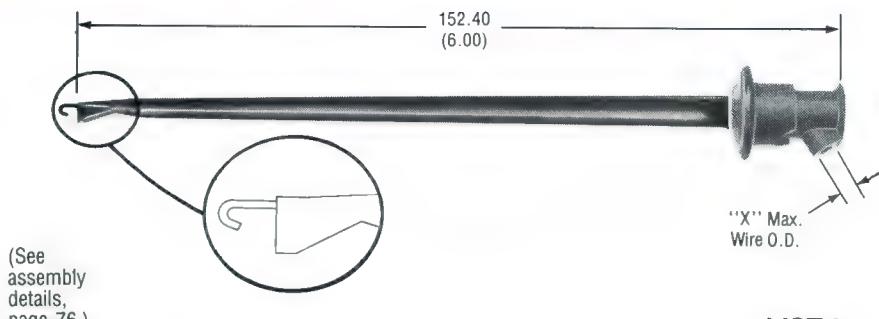
**FINISH:** Gold plated.

**INSULATION:** Glass filled nylon.

**RATING:** 3000 WVDC; 12 Amps. + 102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL	"X" Dia.
4225-*	2.29 (.090)
4565-*	3.66 (.144)



LIST 3.25

### MAXIGRABBER® TEST CLIP WITH BANANA JACK



This Maxigrabber® test clip has a standard banana jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a banana plug patch cord.

**1ST END:** Maxigrabber® Test Clip. Contact, beryllium copper, gold plated.

**INSULATION:** Glass filled nylon.

**2ND END:** Banana jack. Brass, nickel plated.

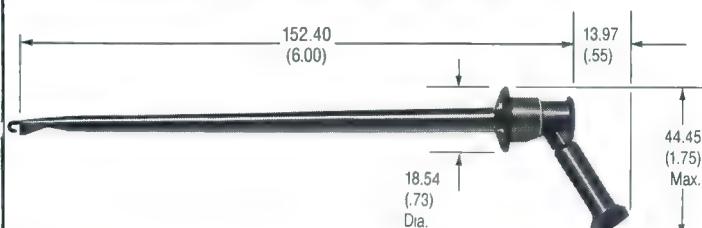
**RATING:** 3000 WVDC; 12 Amps; +102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL
4724-*

LIST 5.45

### MAXIGRABBER® TEST CLIP WITH PIN JACK



This Maxigrabber® test clip has a pin jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a pin tip patch cord.

**1ST END:** Maxigrabber® Test Clip. Contact, beryllium copper, gold plated.

**INSULATION:** Glass filled nylon.

**2ND END:** Pin jack. Spring, beryllium copper, gold plated.

**RATING:** 3000 WVDC; 5 Amps; +102°C. (+216°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

MODEL
4827-*

LIST 6.60

### MAXIGRABBER® TEST CLIP TO STACKING BANANA PLUG



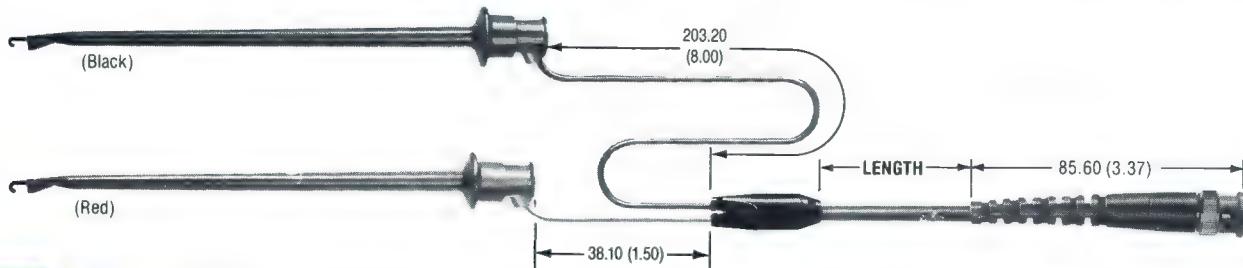
MODEL	Length	LIST
4996-12-*	304.8 (12.0)	7.75
4996-24-*	609.6 (24.0)	7.75
4996-36-*	914.4 (36.0)	7.75
4996-48-*	1219.2 (48.0)	7.95
4996-60-*	1524.0 (60.0)	8.15

**1ST END:** Maxigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.  
**WIRE:** 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.  
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

### MAXIGRABBER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
4648-C-18	457.2 (18.0)	19.55
4648-C-24	609.6 (24.0)	19.55
4648-C-36	914.4 (36.0)	19.55
4648-C-48	1219.2 (48.0)	20.15
4648-C-60	1524.0 (60.0)	20.75

**1ST END:** Maxigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.  
**CABLE:** Shielded coax., RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot: PVC, black.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

# POMONA

## STANDARD BANANA PLUG PATCH CORDS

### STACKING STANDARD BANANA PLUG EACH END

Multiple stacking feature accommodates the most complex stacking; keeps circuitry neater. Greatly simplifies circuit connections and changes. Reliable solderbonded connections withstand pull test in excess of 50 lbs.



MODEL	Length	LIST
B-4-*	101.6 (4.0)	3.30
B-8-*	203.2 (8.0)	3.30
B-12-*	304.8 (12.0)	3.30
B-18-*	457.2 (18.0)	3.30
B-24-*	609.6 (24.0)	3.30
B-36-*	914.4 (36.0)	3.30
B-48-*	1219.2 (48.0)	3.50
B-60-*	1524.0 (60.0)	3.75
B-72-*	1829.0 (72.0)	4.00

MODEL	Length	LIST
2948-12-*	304.8 (12.0)	5.75
2948-24-*	609.6 (24.0)	5.75
2948-36-*	914.4 (36.0)	5.75
2948-48-*	1219.2 (48.0)	5.95
2948-60-*	1524.0 (60.0)	6.15

**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring. Insulation, polypropylene.

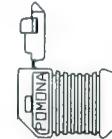
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.  
**2ND END:** Same as first end.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

**FINISH:** Nickel plated.  
**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

### LOW COST BANANA PLUG

Low cost Banana Plug is also available as a Do-It-Yourself version, Model 5750 (page 20).



**1ST END:** Banana Plug. Beryllium copper, nickel plated. Insulation, nylon.

**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.  
**2ND END:** Same as first end.

**RATING:** 1200 V AC DC, 15 Amps, +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### HORIZONTAL STACKING BANANA PLUG EACH END



MODEL	Length	LIST
1440-8-*	203.2 (8.0)	4.90
1440-12-*	304.8 (12.0)	4.90
1440-18-*	457.2 (18.0)	4.90
1440-24-*	609.6 (24.0)	4.90
1440-36-*	914.4 (36.0)	4.90
1440-48-*	1219.2 (48.0)	5.10
1440-60-*	1524.0 (60.0)	5.30

Ideal as an interconnecting lead between power supplies, test equipment, etc. Horizontal stacking feature.

**1ST END:** Banana Plug. Brass body, beryllium copper spring. Insulation, polypropylene.

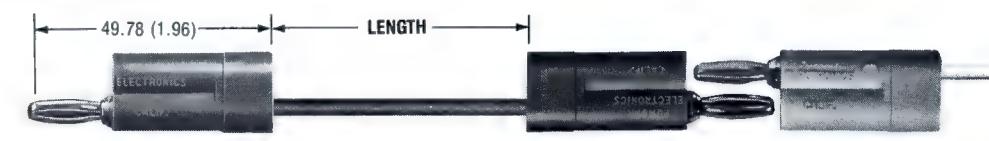
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Same as first end.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

### EXTENSION STACKING BANANA PLUG EACH END



Dual purpose. Insulates all hot leads when used as an extension cord. Endless extension couplings possible with any banana plug patch cord.

**1ST END:** Extension Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

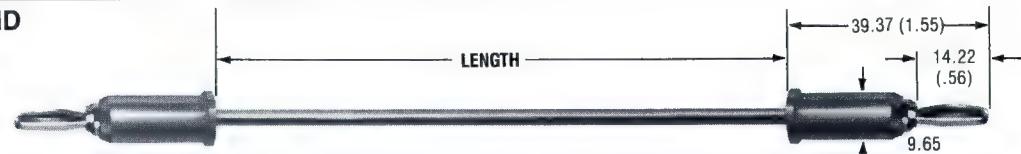
**2ND END:** Same as first end.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

**\*STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

**\*\*STD COLORS:** -0 Black, -2 Red.

### BANANA PLUG EACH END



MODEL	Length	LIST
1985-4-*	101.6 (4.0)	4.35
1985-8-*	203.2 (8.0)	4.35
1985-12-*	304.8 (12.0)	4.35
1985-18-*	457.2 (18.0)	4.35
1985-24-*	609.6 (24.0)	4.35
1985-36-*	914.4 (36.0)	4.35
1985-48-*	1219.2 (48.0)	4.55
1985-60-*	1524.0 (60.0)	4.75

**1ST END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Same as first end.

**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

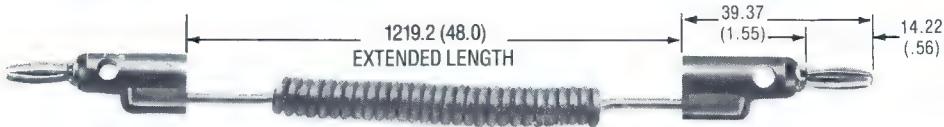
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## STANDARD BANANA PLUG PATCH CORDS

### STACKING BANANA PLUG EACH END ON RETRACTILE (COILED) CORD

Permits the use of one size patch cord in place of many various lengths.



**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 20 AWG, 42 x 36 t.c., PVC insulated, 3.71 (.146) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 VDC Int., 270 VDC, 90 VAC cont. duty, 5 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

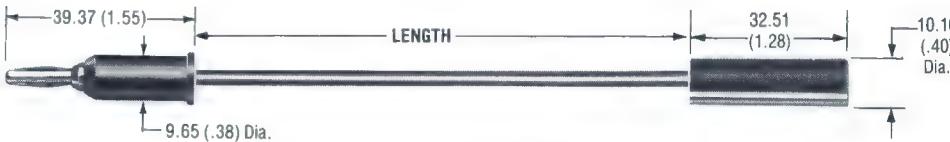
### IN-LINE BANANA PLUG EACH END



Designed for recessed banana jacks with access hole 6.91 (.272) dia.  
**1ST END:** In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

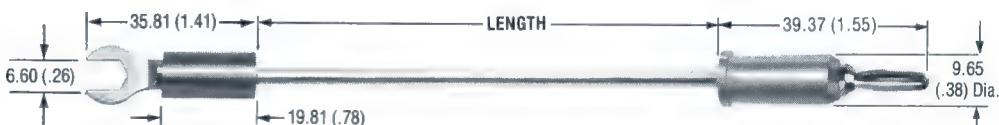
### BANANA PLUG TO IN-LINE BANANA JACK



Dual purpose. Insulates all hot leads when used as an extension cord. Endless extension couplings possible with any banana plug patch cord.  
**1ST END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

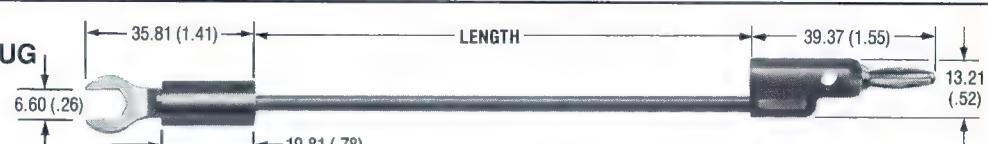
### INSULATED SPADE LUG TO BANANA PLUG



**1ST END:** Spade Lug. Brass, nickel plated. Insulation, Polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

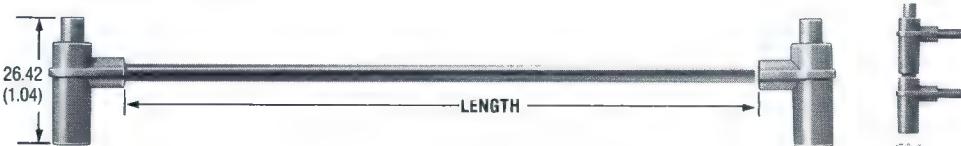
### INSULATED SPADE LUG TO STACKING BANANA PLUG



**1ST END:** Spade Lug. Brass, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### "PUSH-ON" STACKING BNC MALE EACH END



**1ST END:** Push-on Stacking BNC Male. Contact, beryllium copper, gold plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

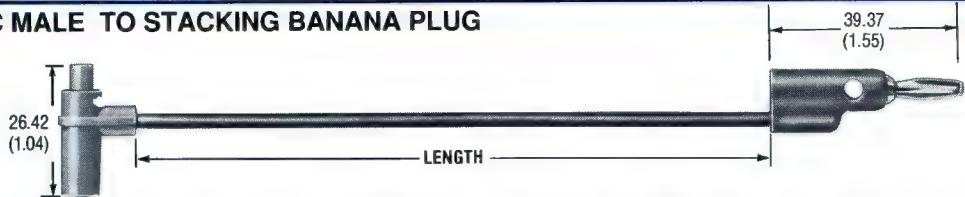
**2ND END:** Same as first end.  
**RATING:** 500 VRMS, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
3201-12-*	304.8 (12.0)	8.40
3201-36-*	914.4 (36.0)	8.55

# POMONA

## PATCH CORDS

### "PUSH-ON" STACKING BNC MALE TO STACKING BANANA PLUG



MODEL	Length	LIST
3202-18-*	457.2 (18.0)	6.05
3202-36-*	914.4 (36.0)	6.30

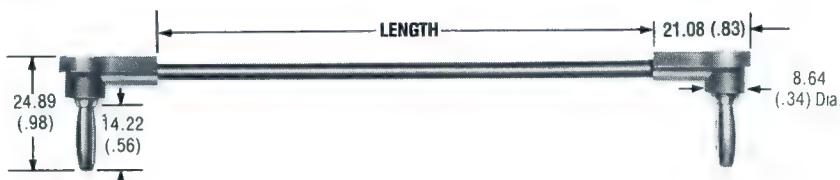
**1ST END:** Push-on Stacking BNC Male. Contact, beryllium copper, gold plated. Insulation, Polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**RATING:** 500 VRMS, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### RIGHT ANGLE BANANA PLUG EACH END

Designed for use where vertical space is limited. Right angle plug features concave ribbed top and oversized shoulder for ease of connect and disconnect in tight places.



MODEL	Length	LIST
4567-4-*	101.6 (4.0)	6.05
4567-8-*	203.2 (8.0)	6.05
4567-12-*	304.8 (12.0)	6.05
4567-18-*	457.2 (18.0)	6.05
4567-24-*	609.6 (24.0)	6.05

**1ST END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### STACKING RIGHT ANGLE BANANA PLUG EACH END

Vertical stacking feature allows endless circuit connections and the right angle design keeps wires close to the chassis. An oversized shoulder allows easy connect and disconnect.



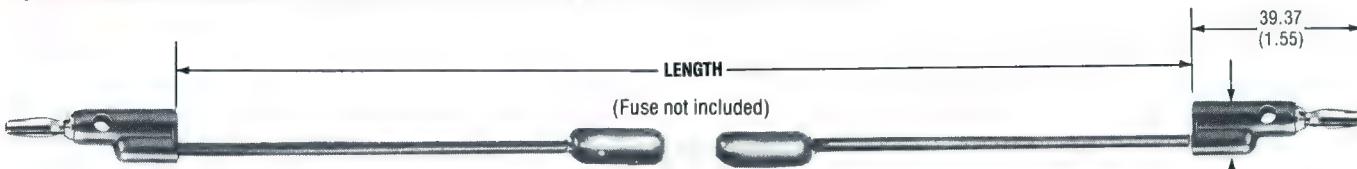
MODEL	Length	LIST
2864-4-*	101.6 (4.0)	6.00
2864-8-*	203.2 (8.0)	6.00
2864-12-*	304.8 (12.0)	6.00
2864-18-*	457.2 (18.0)	6.00
2864-24-*	609.6 (24.0)	6.00
2864-36-*	914.4 (36.0)	6.00
2864-48-*	1219.2 (48.0)	6.20
2864-60-*	1524.0 (60.0)	6.40

**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### STACKING BANANA PLUG EACH END WITH IN-LINE FUSE HOLDER



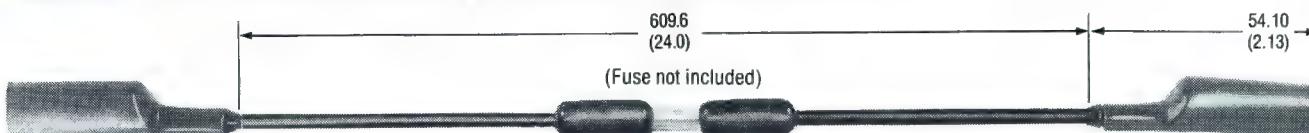
MODEL	Length	LIST
4274-24-*	609.6 (24.0)	8.55
4274-36-*	914.4 (36.0)	8.55

**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.  
**Fuse holder:** brass, tin plated. Insulation, PVC. Accepts 6.35 (.25) dia. SFE and AGC fuses (not included.)

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### INSULATED ALLIGATOR CLIP EACH END WITH IN-LINE FUSE HOLDER



MODEL	LIST
4354-24-*	10.25

**1ST END:** Alligator Clip. Steel, nickel plated. Insulation, vinyl.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.  
**Fuse holder:** brass, tin plated. Insulation, PVC. Accepts 6.35 (.25) dia. SFE and AGC fuses (not included.)

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

# POMONA

## SHEATHED BANANA PLUG PATCH CORDS

### FIXED SHEATHED BANANA PLUG, EACH END



MODEL	Length	LIST
4913-12-*	304.8 (12.0)	4.40
4913-18-*	457.2 (18.0)	4.40
4913-24-*	609.6 (24.0)	4.40
4913-36-*	914.4 (36.0)	4.40
4913-48-*	1219.2 (48.0)	4.60

#### FEATURES

- No exposed metal.
- Fits models 4921, 4922, 4934 and 4987.
- 1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

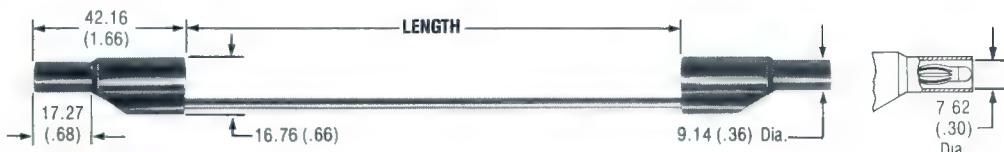
RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### FIXED SHEATHED STACKING BANANA PLUG, EACH END

#### FEATURES

- No exposed metal.
- Fits models 4921, 4922, 4934 and 4987.
- Will not short out when dropped.



MODEL	Length	LIST
4912-12-*	304.8 (12.0)	4.90
4912-18-*	457.2 (18.0)	4.90
4912-24-*	609.6 (24.0)	4.90
4912-36-*	914.1 (36.0)	4.90

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

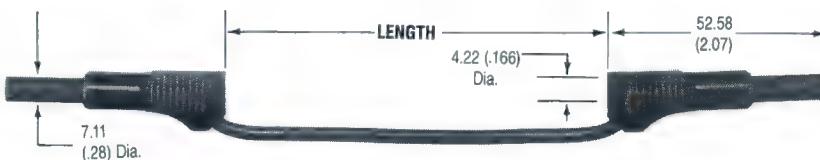
2ND END: Same as first end.

RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### RETRACTABLE SHEATH STACKING BANANA PLUG, EACH END

This retractable sheath banana plug has a stacking feature allowing the insertion of standard or other retractable plugs.



MODEL	Length	LIST
5403-12-*	304.8 (12.0)	7.75
5403-24-*	609.6 (24.0)	7.75
5403-36-*	914.4 (36.0)	7.75
5403-48-*	1219.2 (48.0)	7.95
5403-60-*	1524.0 (60.0)	8.15

1ST END: Retractable Sheath Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.

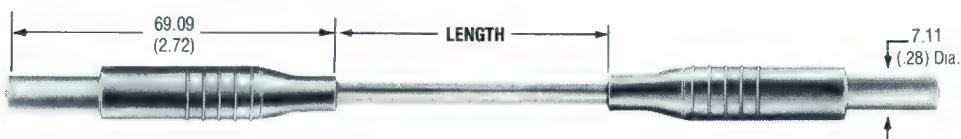
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### RETRACTABLE SHEATH BANANA , EACH END



MODEL	Length	LIST
4911-12-*	304.8 (12.0)	6.60
4911-18-*	457.2 (18.0)	6.60
4911-24-*	609.6 (24.0)	6.60
4911-36-*	914.4 (36.0)	6.60
4911-48-*	1219.2 (48.0)	6.80
4911-60-*	1524.0 (60.0)	7.00

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation,nylon.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

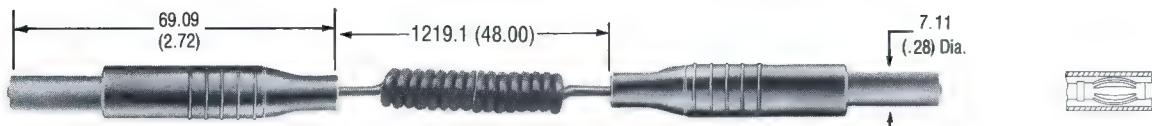
RATING: 1200 VAC/DC Max., 7 Amps, +80°C. (+176°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

# POMONA

## RETRACTABLE SHEATH BANANA PLUGS

### RETRACTABLE SHEATH BANANA, EACH END

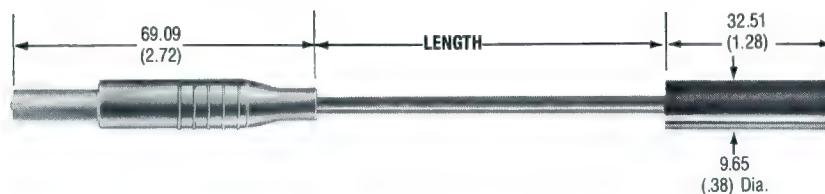


MODEL	LIST
5036-*	11.95

**1ST END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation,nylon.  
**WIRE:** 20 AWG, 42 x 36 t.c., PVC insulated, 3.71 (.146) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 VDC Int., 270 VDC-90 VAC cont. duty, 5 Amps, +60°C. (+140°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### RETRACTABLE SHEATH BANANA PLUG TO IN-LINE BANANA JACK

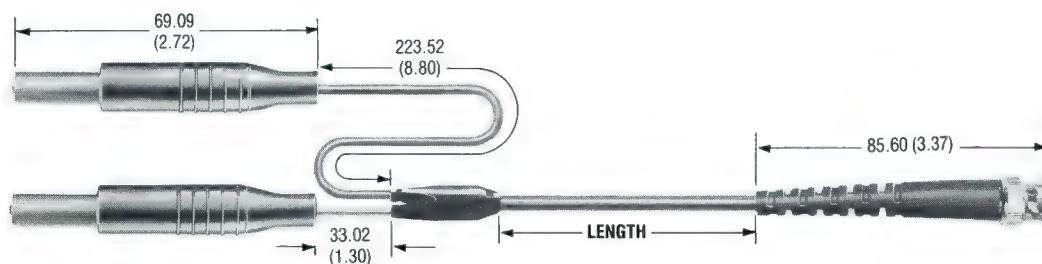


MODEL	Length	LIST
5259-12-*	304.8 (12.0)	6.05
5259-24-*	609.6 (24.0)	6.05
5259-36-*	914.4 (36.0)	6.05
5259-48-*	1219.2 (48.0)	6.25
5259-60-*	1524.0 (60.0)	6.45

**1ST END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation,nylon.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**2ND END:** In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.  
**RATING:** 1200 VAC/DC Max., 7 Amps. +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### RETRACTABLE SHEATH BANANA PLUGS TO BNC MALE



MODEL	Length	LIST
5343-C-12	304.8 (12.0)	16.60
5343-C-24	609.6 (24.0)	16.60
5343-C-36	914.4 (36.0)	16.60
5343-C-48	1219.2 (48.0)	17.20
5343-C-60	1524.0 (60.0)	17.80

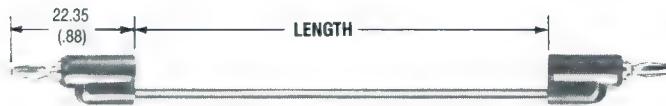
**1ST END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation,nylon.  
**CABLE:** Shielded coaxial RG58C/U 4.95 (.195) O.D. Y-mold insulation, PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot, PVC, black.  
**RATING:** 500 VRMS Max., +50°C. (+122°F.) Max.

# POMONA

## MINIATURE BANANA PLUG PATCH CORDS

### MINIATURE STACKING BANANA PLUG EACH END

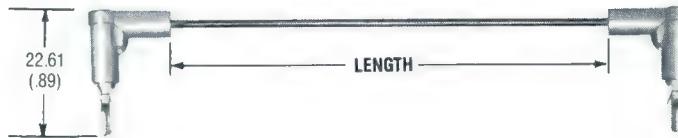


MODEL	Length	LIST
1081-4*	101.6 (4.0)	4.30
1081-8*	203.2 (8.0)	4.30
1081-12*	304.8 (12.0)	4.30
1081-18*	457.2 (18.0)	4.30
1081-24*	609.6 (24.0)	4.30
1081-36*	914.4 (36.0)	4.30
1081-48*	1219.2 (48.0)	4.50
1081-60*	1524.0 (60.0)	4.70

**1ST END:** Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MINIATURE STACKING RIGHT ANGLE BANANA PLUG EACH END

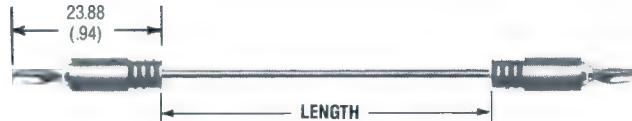


MODEL	Length	LIST
2860-4*	101.6 (4.0)	3.75
2860-8*	203.2 (8.0)	3.75
2860-12*	304.8 (12.0)	3.75
2860-18*	457.2 (18.0)	3.75
2860-24*	609.6 (24.0)	3.75

**1ST END:** Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### MINIATURE BANANA PLUG EACH END



MODEL	Length	LIST
2842-4*	101.6 (4.0)	4.85
2842-8*	203.2 (8.0)	4.85
2842-12*	304.8 (12.0)	4.85
2842-18*	457.2 (18.0)	4.85
2842-24*	609.6 (24.0)	4.85
2842-36*	914.4 (36.0)	4.85
2842-48*	1219.2 (48.0)	5.05
2842-60*	1524.0 (60.0)	5.25

**1ST END:** Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### STACKING BANANA PLUG TO MINIATURE STACKING BANANA PLUG



MODEL	Length	LIST
3014-12*	304.8 (12.0)	4.00
3014-18*	457.2 (18.0)	4.00
3014-24*	609.6 (24.0)	4.00
3014-36*	914.4 (36.0)	4.00
3014-48*	1219.2 (48.0)	4.20
3014-60*	1524.0 (60.0)	4.40

**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D.

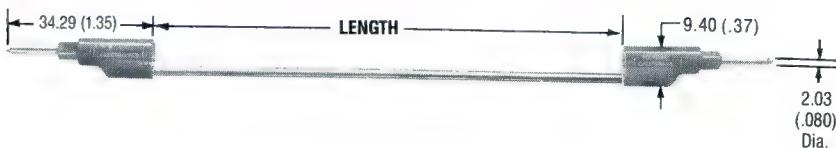
**2ND END:** Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## 2.03 mm (.080) PIN TIP PATCH CORDS

### STACKING PIN TIP PLUG, EACH END

A must in circuit designing and testing with instruments that utilize tip jacks.



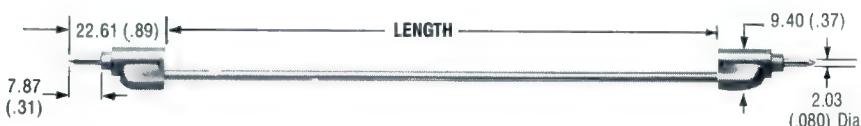
MODEL	LENGTH	LIST
P-4*	101.6(4.0)	3.95
P-8*	203.2(8.0)	3.95
P-12*	304.8(12.0)	3.95
P-18*	457.2(18.0)	3.95
P-24*	609.6(24.0)	3.95
P-36*	914.4(36.0)	3.95
P-48*	1219.2(48.0)	4.15
P-60*	1524.0(60.0)	4.35

**1ST END:** Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation: polypropylene.  
**WIRE:** 20 AWG, 41 × 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### LOW PROFILE STACKING PIN TIP PLUG, EACH END

Excellent for low profile applications where space is at a premium.



MODEL	LENGTH	LIST
4740-4*	101.6(4.0)	5.25
4740-8*	203.2(8.0)	5.25
4740-12*	304.8(12.0)	5.25
4740-18*	457.2(18.0)	5.25
4740-24*	609.6(24.0)	5.25
4740-36*	914.4(36.0)	5.25
4740-48*	1219.2(48.0)	5.45
4740-60*	1524.0(60.0)	5.65

**1ST END:** Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation: polypropylene.  
**WIRE:** 20 AWG, 41 × 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### STACKING PIN TIP PLUG EXTENSION

Dual purpose, insulates exposed leads when used as an extension cord. Endless extension coupling possible. Also provides stacking from 2.03 mm (.080) jack.



MODEL	LENGTH
1727-8*	203.2(8.0)
1727-12*	304.8(12.0)
1727-18*	457.2(18.0)
1727-24*	609.6(24.0)
1727-36*	914.4(36.0)

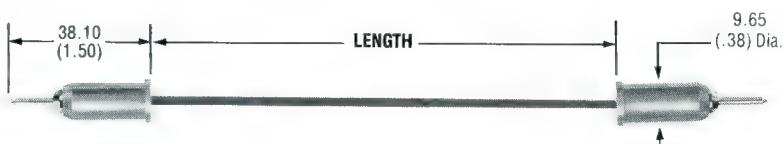
**1ST END:** Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation: polypropylene.  
**WIRE:** 20 AWG, 41 × 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

**LIST 6.90**

### PIN TIP PLUG, EACH END

Heavy duty patch cord. Excellent for general lab work. Permits interconnection between test instruments that utilize tip jacks.



MODEL	LENGTH	LIST
1990-12*	304.8(12.0)	4.50
1990-18*	457.2(18.0)	4.50
1990-24*	609.6(24.0)	4.50
1990-36*	914.4(36.0)	4.50
1990-48*	1219.2(48.0)	4.70

**1ST END:** Pin Tip Plug. Brass, nickel plated. Insulation: polypropylene.  
**WIRE:** 18 AWG, 65 × 36 t.c., PVC insulated. 3.66 mm (.144) O.D.

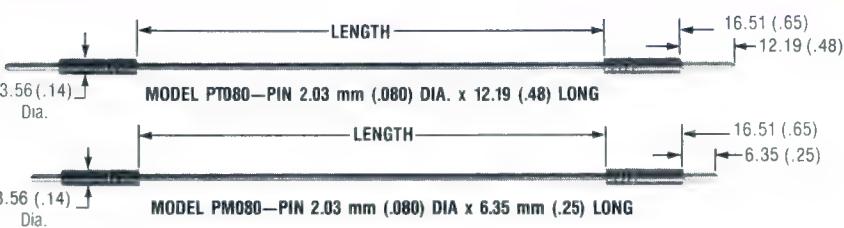
**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## 2.03 mm (.080) PIN TIP PATCH CORDS

### HIGH DENSITY PIN TIP PLUG, EACH END

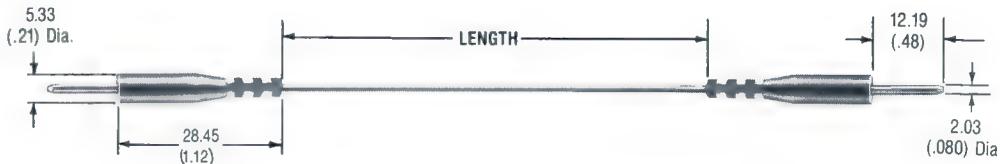
Small body style permits usage in equipment having receptacles spaced closely together.



MODEL	LIST	MODEL	Length	LIST
PT080-4*	3.35	PM080-4*	101.6 (4.0)	3.25
PT080-8*	3.35	PM080-8*	203.2 (8.0)	3.25
PT080-12*	3.35	PM080-12*	304.8 (12.0)	3.25
PT080-18*	3.35	PM080-18*	457.2 (18.0)	3.25
PT080-24*	3.35		609.6 (24.0)	
PT080-36*	3.35		914.4 (36.0)	
PT080-48*	3.55		1219.2 (48.0)	
PT080-60*	3.75		1524.0 (60.0)	

**1ST END:** Pin Tip Plug. Brass, gold plated. Insulation; polypropylene.  
**WIRE:** 22 AWG, 26 X 36 t.c., PVC insulated, 1.63 (.064) O.D.  
**2ND END:** Same as first end.  
**RATING:** 1000 WVDC; 3 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### PIN TIP PLUG, EACH END



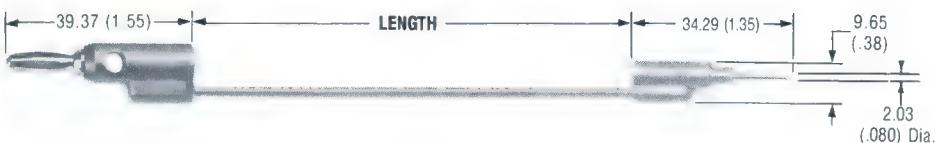
MODEL	Length	LIST
5153-12*	304.8 (12.0)	3.70
5153-18*	457.2 (18.0)	3.70
5153-24*	609.6 (24.0)	3.70
5153-36*	914.4 (36.0)	3.70
5153-48*	1219.2 (48.0)	3.90
5153-60*	1524.0 (60.0)	4.10

**1ST END:** Pin Tip Plug. Brass, gold plated. Insulation; PVC.  
**WIRE:** 22 AWG, 26 X 36 t.c., PVC insulated, 1.63 mm (.064) O.D.  
**2ND END:** Same as first end.

**RATING:** 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### STACKING BANANA PLUG TO STACKING PIN TIP PLUG

Adapts to equipment using banana jacks and pin jacks. Banana plug and pin tip allow vertical stackup.

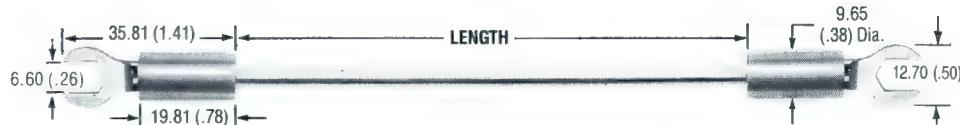


MODEL	LENGTH	LIST
1126-4*	101.6(4.0)	3.85
1126-8*	203.2(8.0)	3.85
1126-12*	304.8(12.0)	3.85
1126-18*	457.2(18.0)	3.85
1126-24*	609.6(24.0)	3.85
1126-36*	914.4(36.0)	3.85
1126-48*	1219.2(48.0)	4.05
1126-60*	1524.0(60.0)	4.25

**1ST END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

**2ND END:** Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.  
**RATING:** 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### INSULATED SPADE LUG EACH END



MODEL	Length	LIST
1743-12*	304.8 (12.0)	5.70
1743-24*	609.6 (24.0)	5.70
1743-36*	914.4 (36.0)	5.70
1743-48*	1219.2 (48.0)	5.90
1743-60*	1524.0 (60.0)	6.10

**1ST END:** Spade lug. Brass, nickel plated. Insulation; polypropylene.  
**WIRE:** 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC; 7 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## PATCH CORDS

### ALLIGATOR CLIP EACH END



MODEL	Length	LIST
AL-B-4*	101.6 (4.0)	3.75
AL-B-8*	203.2 (8.0)	3.75
AL-B-12*	304.8 (12.0)	3.75
AL-B-24*	609.6 (24.0)	3.75
AL-B-36*	914.4 (36.0)	3.75
AL-B-48*	1219.2 (48.0)	3.95
AL-B-60*	1524.0 (60.0)	4.15

**1ST END:** Alligator Clip. Steel, nickel plated. Insulation; vinyl.  
**WIRE:** 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### ALLIGATOR CLIP TO STACKING BANANA PLUG

Adapts to equipment using standard banana jacks.



MODEL	Length	LIST
1166-4*	101.6 (4.0)	3.75
1166-8*	203.2 (8.0)	3.75
1166-12*	304.8 (12.0)	3.75
1166-24*	609.6 (24.0)	3.75
1166-36*	914.4 (36.0)	3.75
1166-48*	1219.2 (48.0)	3.95
1166-60*	1524.0 (60.0)	4.15

**1ST END:** Alligator Clip. Steel, nickel plated. Insulation; vinyl.  
**WIRE:** 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring. Insulation; polypropylene.  
**RATING:** 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### ALLIGATOR CLIP LEAD TO BANANA PLUG

Adapts to equipment using standard banana jacks.

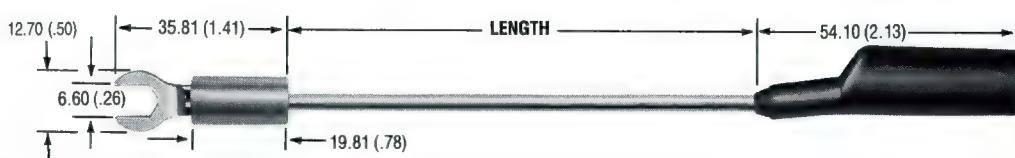


MODEL	Length	LIST
1959-4*	101.6 (4.0)	4.90
1959-8*	203.2 (8.0)	4.90
1959-12*	304.8 (12.0)	4.90
1959-24*	609.6 (24.0)	4.90
1959-36*	914.4 (36.0)	4.90
1959-48*	1219.2 (48.0)	5.10
1959-60*	1524.0 (60.0)	5.30

**1ST END:** Alligator Clip. Steel, nickel plated. Insulation; vinyl.  
**WIRE:** 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**RATING:** 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### INSULATED SPADE LUG TO ALLIGATOR CLIP



MODEL	Length	LIST
1960-12*	304.8 (12.0)	5.20
1960-24*	609.6 (24.0)	5.20
1960-36*	914.4 (36.0)	5.20
1960-48*	1219.2 (48.0)	5.40
1960-60*	1524.0 (60.0)	5.60

**1ST END:** Spade lug. Brass, nickel plated. Insulation; polypropylene.  
**WIRE:** 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Alligator clip. Steel, nickel plated. Vinyl boot.  
**RATING:** 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## PATCH CORDS

### INSULATED MINIGATOR CLIP EACH END—18 AWG

MODEL	Length	LIST
MG-B-4*	101.6(4.0)	3.85
MG-B-8*	203.2(8.0)	3.85
MG-B-12*	304.8(12.0)	3.85
MG-B-24*	609.6(24.0)	3.85
MG-B-36*	914.4(36.0)	3.85
MG-B-48*	1219.2(48.0)	4.05
MG-B-60*	1524.0(60.0)	4.25

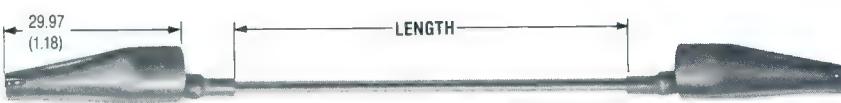


**1ST END:** Minigator. Steel, cadmium plated. Vinyl boot.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 5000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### INSULATED MINIGATOR CLIP EACH END—20 AWG

MODEL	Length	LIST
1236-4*	101.6(4.0)	3.60
1236-8*	203.2(8.0)	3.60
1236-12*	304.8(12.0)	3.60
1236-24*	609.6(24.0)	3.60
1236-36*	914.4(36.0)	3.60
1236-48*	1219.2(48.0)	3.80
1236-60*	1524.0(60.0)	4.00



**1ST END:** Minigator. Steel, cadmium plated. Vinyl boot.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### INSULATED MICROGATOR† CLIP EACH END—20 AWG



MODEL	Length	LIST
1613-4*	101.6(4.0)	4.00
1613-8*	203.2(8.0)	4.00
1613-12*	304.8(12.0)	4.00
1613-24*	609.6(24.0)	4.00
1613-36*	914.4(36.0)	4.00
1613-48*	1219.2(48.0)	4.20

**1ST END:** Microgator. Copper. Vinyl boot.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Same as first end.  
**RATING:** 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### INSULATED MINIGATOR CLIP TO STACKING BANANA PLUG

Adapts to equipment using standard banana jacks.



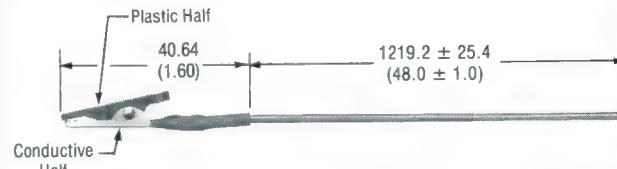
MODEL	Length	LIST
3220-4*	101.6(4.0)	3.60
3220-8*	203.2(8.0)	3.60
3220-12*	304.8(12.0)	3.60
3220-24*	609.6(24.0)	3.60
3220-36*	914.4(36.0)	3.60
3220-48*	1219.2(48.0)	3.80
3220-60*	1524.0(60.0)	4.00

**1ST END:** Minigator. Steel, cadmium plated. Insulation; vinyl.  
**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**RATING:** 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

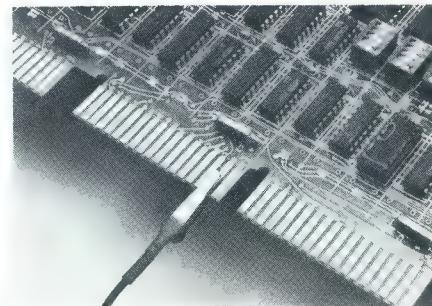
### P.C. BOARD TEST CLIP PATCH CORD

This patch cord is conductive only on the lower half of this minigator clip. The upper half is insulated to keep the clip from contacting circuitry on the opposite side of the board. The patch cord is supplied with 1219.2 mm (48.0) of 20 AWG wire which can be cut to the desired length or be terminated with the desired plug or jack.



**1ST END:** Test clip. Upper half, polycarbonate. Lower half, steel, cadmium plated.  
**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D.  
**2ND END:** None.  
**RATING:** +115°C. (+239°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

MODEL
4931-48-*



† Microgator is a trademark of Mueller Electric Co.

# POMONA

## 0.64 MM (.025) SQ. PIN/RECEPTACLE ACCESSORIES

### INSULATED MINIGATOR CLIP TO MINIATURE STACKING BANANA PLUG



MODEL	Length	LIST
3222-24*	609.6(24.0)	4.30
3222-36*	914.4(36.0)	4.30
3222-48*	1219.2(48.0)	4.50

1ST END: Minigator. Steel, cadmium plated. Insulation: vinyl.  
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

beryllium copper spring, gold plated. Insulation: polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### INSULATED MINIGATOR CLIP TO SQUARE PIN RECEPTACLE

This patch cord is used as a jumper for circuit cards with 0.64 mm (.025) square pins.



MODEL	Length
4974-12*	304.8(12.0)
4974-24*	609.6(24.0)
4974-36*	914.4(36.0)

1ST END: Minigator. Steel, cadmium plated. Insulation: vinyl.  
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.  
2ND END: 0.64 (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
\*STD COLORS: -0 Black, -2 Red

**LIST 4.00**

### SQUARE PIN RECEPTACLE EACH END

This patch cord is excellent for use as a jumper circuit for P.C. boards with 0.64 mm (.025) sq. pins.



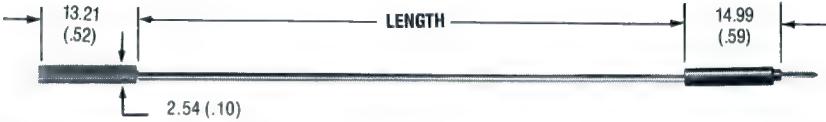
MODEL	Length	LIST
4741-6*	152.4 (6.0)	3.20
4741-12*	304.8 (12.0)	3.20
4741-24*	609.6 (24.0)	3.20
4741-36*	914.1 (36.0)	3.20

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.  
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: Same as first end.  
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
\*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

### SQUARE PIN RECEPTACLE TO SQUARE PIN

This patch cord can be used as a jumper or as an extension patch cord with any of the other models on this page having 0.64 mm (.025) sq. receptacles or pins.



MODEL	Length	LIST
4992-6*	152.4(6.0)	3.75
4992-12*	304.8(12.0)	3.75
4992-24*	609.6(24.0)	3.75
4992-36*	914.4(36.0)	3.75
4992-48*	1219.2(48.0)	3.95

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.  
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: 0.64 (.025) Square Pin. Phosphor bronze, gold plated. Insulation: ABS.  
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
\*STD COLORS: -0 Black, -2 Red.

### SQUARE PIN RECEPTACLE TO 2.03 mm (.080) PIN TIP PLUG

This patch cord is used as a jumper between 0.64 mm (.025) sq. pins and equipment with 2.03 mm (.080) dia. pin jacks.



MODEL	Length	LIST
4772-12*	304.8 (12.0)	3.60
4772-24*	609.6 (24.0)	3.60
4772-36*	914.4 (36.0)	3.60

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.  
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: Pin Tip Plug. Brass, gold plated. Insulation: polypropylene.  
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
\*STD COLORS: -0 Black, -2 Red

### SQUARE PIN RECEPTACLE TO BANANA PLUG

This patch cord is excellent for use as a jumper on circuit cards with 0.64 (.025) square pins and equipment with 4.22 (.166) dia. banana jacks.



MODEL	Length	LIST
4771-12*	304.8(12.0)	4.05
4771-24*	609.6(24.0)	4.05
4771-36*	914.4(36.0)	4.05
4771-48*	1219.2(48.0)	4.25

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.  
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.  
2ND END: In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation: polypropylene.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.  
\*STD COLORS: -0 Black, -2 Red

# POMONA

## BNC CABLE ASSEMBLIES

### STRESS-RELIEVED/WEATHERPROOF CABLE ASSEMBLIES

The following cable assemblies with molded boot feature extra-long, stress-relieved PVC molded directly onto cable jacket and connector body. The advantages are stress protection against failure from excess bending, flexing & twisting and a weatherproof seal between cable and connector.

#### BNC MALE EACH END



RG58C/U 50 Ohm	LIST	RG59B/U 75 Ohm	LIST	RG174/U 50 Ohm	LIST	RG62A/U 93 Ohm	Length	LIST
2249-C-12	9.90	2249-E-12	10.50	2249-K-12	14.90	2249-M-12	304.8(12.0)	11.10
2249-C-24	10.50	2249-E-24	11.10	2249-K-24	15.50	2249-M-24	609.6(24.0)	11.70
2249-C-36	11.00	2249-E-36	11.70	2249-K-36	16.10	2249-M-36	914.4(36.0)	12.30
2249-C-48	11.80	2249-E-48	12.30	2249-K-48	16.70	2249-M-48	1219.2(48.0)	12.90
2249-C-60	12.50	2249-E-60	12.90	2249-K-60	17.30	2249-M-60	1524.0(60.0)	13.50
2249-C-72	13.10	2249-E-72	13.50				1828.8(72.0)	
2249-C-120	15.70						3048.0(120.0)	
2249-C-180	19.00						4572.0(180.0)	

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.  
RG59B/U 6.15 mm (.242) O.D.  
RG62A/U 6.15 mm (.242) O.D.  
RG174/U 2.54 mm (.100) O.D.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

#### LOW COST BNC CABLE



MODEL	Length	LIST
5696-12	304.8 (12.0)	7.10
5696-24	609.6 (24.0)	7.70
5696-36	914.4 (36.0)	8.30
5696-48	1219.2 (48.0)	8.90
5696-60	1524.0 (60.0)	9.50
5696-72	1828.8 (72.0)	10.10
5696-120	3048.0 (120.0)	12.50

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, corrosion resistant finish. Impedance: 50 Ohms. Boot; thermoplastic, black, slip-on style.

**CABLE:** RG 58 type, 4.95 (.195) O.D.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F. Max.)

#### BNC MALE, ONE END ONLY



MODEL	Length	LIST
5266-C-12	304.8(12.0)	6.15
5266-C-24	609.6 (24.0)	6.75
5266-C-36	914.4(36.0)	7.35
5266-C-48	1219.2(48.0)	7.95
5266-C-60	1524.0(60.0)	8.55

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** None.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

#### RIGHT ANGLE BNC MALE EACH END



MODEL	Length	LIST
4276-C-12	304.8(12.0)	25.95
4276-C-24	609.6 (24.0)	26.55
4276-C-36	914.4(36.0)	27.15
4276-C-48	1219.2(48.0)	27.75
4276-C-60	1524.0(60.0)	28.35

**1ST END:** Crimp BNC Male, right angle. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

#### LOW-NOISE BNC MALE EACH END



MODEL	Length	LIST
4964-SS-24	609.6 (24.0)	13.15
4964-SS-36	914.4(36.0)	14.65
4964-SS-48	1219.2(48.0)	16.15
4964-SS-60	1524.0(60.0)	17.65

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** Belden 9223 or equivalent, 50 Ohm, 4.95 mm (.195) O.D.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

# POMONA

## BNC CABLE ASSEMBLIES

### BNC MALE TO BNC FEMALE



MODEL	Length	LIST
4524-C-12	304.8(12.0)	13.25
4524-C-24	609.6 (24.0)	13.85
4524-C-36	914.4(36.0)	14.45
4524-C-48	1219.2(48.0)	15.05
4524-C-60	1524.0(60.0)	15.65

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
**CABLE:** RG58C/U 4.95 mm (.195) O.D.  
**2ND END:** Crimp BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Boot; PVC, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

### BNC MALE ON RETRACTILE (COILED) CORD



MODEL	Extended Length	LIST
4487-48	1219.2(48.0)	34.95
4487-60	1524.0(60.0)	35.85
4487-72	1829.0(72.0)	36.75

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
**CABLE:** Shielded microphone. Center conductor 24 AWG (45 x 40), polyurethane jacket 4.32 mm (.170) O.D.

**2ND END:** Same as first end.  
**RATING:** 270 VDC-90 VAC cont. duty; + 50°C. (+ 122°F.) Max.

### BNC MALE ON RETRACTILE (COILED) CORD, ONE END ONLY



MODEL	Extended Length	LIST
5260-48	1219.2(48.0)	23.95
5260-60	1524.0(60.0)	24.85
5260-72	1829.0(72.0)	25.75

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
**CABLE:** Shielded microphone. Center conductor 24 AWG (45 x 40), polyurethane jacket 4.32 mm (.170) O.D.

**2ND END:** None.  
**RATING:** 270 VDC-90 VAC cont. duty; + 50°C. (+ 122°F.) Max.

### BNC FEMALE BOTH ENDS



MODEL	Length	LIST
4277-C-12	304.8(12.0)	15.25
4277-C-24	609.6(24.0)	15.85
4277-C-36	914.4(36.0)	16.45
4277-C-48	1219.2(48.0)	17.05
4277-C-60	1524.0(60.0)	17.65

**1ST END:** Crimp BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

### UHF MALE TO BNC MALE



MODEL	Length	LIST
1367-C-18	457.2(18.0)	14.20
1367-C-24	609.6(24.0)	14.50
1367-C-36	914.4(36.0)	15.10
1367-C-48	1219.2(48.0)	15.70
1367-C-60	1524.0(60.0)	16.30

**1ST END:** Crimp UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant. Boot; PVC, black.  
**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### UHF MALE BOTH ENDS



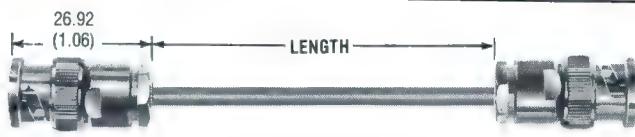
MODEL	Length	LIST
UHF-C-18	457.2(18.0)	17.15
UHF-C-24	609.6(24.0)	17.45
UHF-C-36	914.4(36.0)	18.05
UHF-C-48	1219.2(48.0)	18.65
UHF-C-60	1524.0(60.0)	19.25

**1ST END:** Crimp UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant. Boot; PVC, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### BNC MALE EACH END



Shielded Mic. Cable 50 Ohms	LIST	RG58C/U 50 Ohms	LIST	RG59B/U 75 Ohms	RG62A/U 93 Ohms	Length	LIST
BNC-B-18	10.60	BNC-C-18	11.50	BNC-E-18	BNC-M-18	457.2 (18.0)	11.85
BNC-B-24	10.90	BNC-C-24	11.80	BNC-E-24	BNC-M-24	609.6 (24.0)	12.15
BNC-B-36	11.50	BNC-C-36	12.50	BNC-E-36	BNC-M-36	914.4 (36.0)	12.75
BNC-B-48	12.10	BNC-C-48	13.10	BNC-E-48	BNC-M-48	1219.2 (48.0)	13.35
BNC-B-60	12.70	BNC-C-60	13.80	BNC-E-60	BNC-M-60	1524.0 (60.0)	13.95

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated.

**CABLE:** Shielded mic. 4.95 (.195) O.D.  
RG 58C/U 4.95 (.195) O.D.  
RG 59B/U 6.25 (.242) O.D.  
RG 62A/U 6.15 (.242) O.D.

**2ND END:** Same as first end.  
**RATING:** 500 VRMS Max.; +80°C. (+176°F.) Max.

### LOW COST BNC CABLE



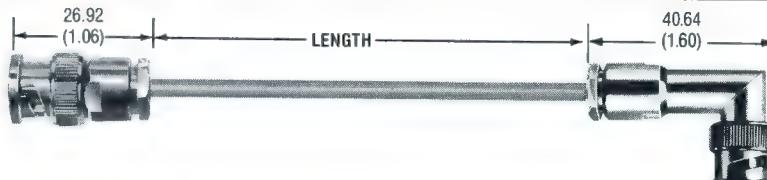
MODEL	Length	LIST
5697-12	304.8 (12.0)	7.10
5697-24	609.6 (24.0)	7.70
5697-36	914.4 (36.0)	8.30
5697-48	1219.2 (48.0)	8.90
5697-60	1524.0 (60.0)	9.50
5697-72	1828.8 (72.0)	10.10
5697-120	3048.0 (120.0)	12.50

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, corrosion resistant finish. Impedance: 50 Ohms.

**CABLE:** RG 58 type, 4.95 (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F. Max.)

### BNC MALE TO RIGHT ANGLE BNC MALE



MODEL	Length	LIST
1383-C-18	457.2(18.0)	21.95
1383-C-24	609.6(24.0)	22.25
1383-C-36	914.4(36.0)	22.85
1383-C-48	1219.2(48.0)	23.45
1383-C-60	1524.0(60.0)	24.05

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

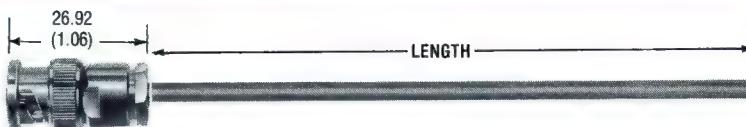
**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** BNC Male, Right Angle. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### BNC MALE ONE END ONLY



RG58C/U	LIST	RG59B/U	Length	LIST
1661-C-12	7.30	1661-E-12	304.8(12.0)	8.05
1661-C-24	7.90	1661-E-24	609.6(24.0)	8.65
1661-C-36	8.50	1661-E-36	914.4(36.0)	9.25
1661-C-48	9.10	1661-E-48	1219.2(48.0)	9.85
1661-C-60	9.70	1661-E-60	1524.0(60.0)	10.45

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** None.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### BNC FEMALE EACH END



MODEL	Length	LIST
1808-C-12	304.8(12.0)	12.95
1808-C-24	609.6(24.0)	13.55
1808-C-36	914.4(36.0)	14.15
1808-C-48	1219.2(48.0)	14.75
1808-C-60	1524.0(60.0)	15.35

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### BNC MALE TO BNC FEMALE



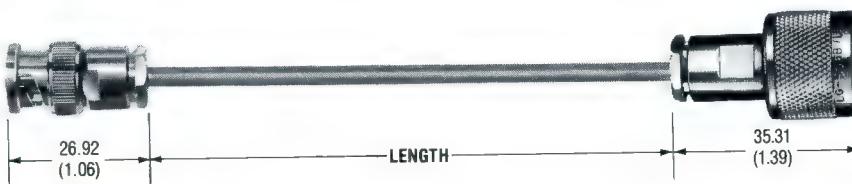
MODEL	Length	LIST
2223-C-12	304.8(12.0)	11.40
2223-C-24	609.6(24.0)	12.00
2223-C-36	914.4(36.0)	12.60
2223-C-48	1219.2(48.0)	13.20
2223-C-60	1524.0(60.0)	13.80

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### BNC MALE TO TYPE "N" MALE



MODEL	Length	LIST
1366-C-24	609.6(24.0)	14.75
1366-C-36	914.4(36.0)	15.35
1366-C-48	1219.2(48.0)	15.95

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

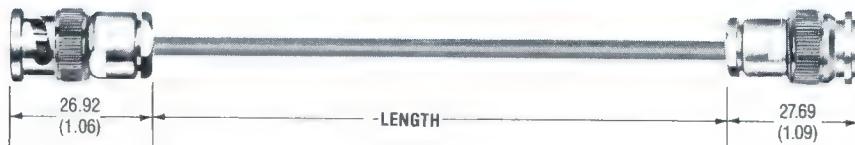
**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### BNC MALE TO TNC MALE



MODEL	Length	LIST
1948-C-12	304.8(12.0)	15.75
1948-C-24	609.6(24.0)	16.35
1948-C-36	914.4(36.0)	16.95
1948-C-48	1219.2(48.0)	17.55
1948-C-60	1524.0(60.0)	18.15

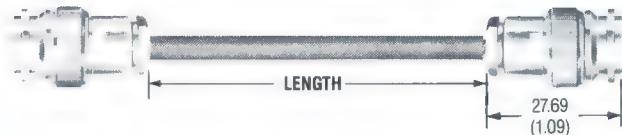
**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** TNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### TNC MALE BOTH ENDS



RG58C/U	LIST	Length	RG142B/U	LIST
1944-C-12	19.15	304.8 (12.0)	1944-X-12	33.30
1944-C-18	19.45	457.2 (18.0)	1944-X-24	38.30
1944-C-24	19.75	609.6 (24.0)	1944-X-36	43.30
1944-C-36	20.35	914.4 (36.0)	1944-X-48	48.30
1944-C-48	20.95	1219.2 (48.0)	1944-X-60	53.30
1944-C-60	21.55	1524.0 (60.0)		

**1ST END:** TNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D. or RG142B/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### "PUSH ON" UHF MALE BOTH ENDS



MODEL	Length
3137-C-36	914.4 (36.0)

**1ST END:** Crimp push-on UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

**LIST 37.20**

### "PUSH-ON" BNC MALE BOTH ENDS



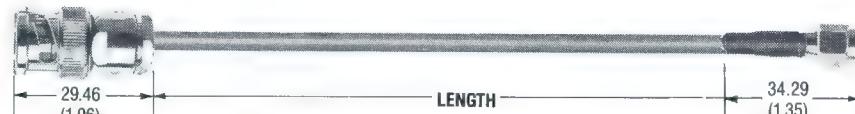
MODEL	Length	LIST
3199-C-12	304.8 (12.0)	11.25
3199-C-24	609.6 (24.0)	11.85
3199-C-36	914.4 (36.0)	12.45
3199-C-48	1219.2 (48.0)	13.05
3199-C-60	1524.0 (60.0)	13.65

**1ST END:** Crimp Push-on BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.  
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

### BNC MALE TO SMA MALE



MODEL	Length	LIST
4935-BB-24	609.6 (24.0)	28.95
4935-BB-48	1219.2 (48.0)	32.95
4935-BB-60	1524.0 (60.0)	34.95

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG316/U 2.49 mm (.098) O.D.

**2ND END:** Crimp SMA Male. Passivated steel shell. Gold plated center contact.  
**RATING:** Operating Voltage: 335 VRMS Max.; +165°C. (+329°F.) Max.

# POMONA

## MICROWAVE COAXIAL CABLE ASSEMBLIES

These coaxial cables allow testing of frequencies up to 12.4 Gigahertz. Microwave coaxial cables can also be built to your specifications on special order. Just tell us the length you want, the cable you would prefer (it can even be your special cable) and what type of connectors. We will be happy to quote prices.

### CABLE CHARACTERISTICS:

**CABLE:** RG 174/U coaxial cable

#### CHARACTERISTICS:

Impedance: 50 Ohm  
Cable O.D.: 2.54 mm (.100)  
Loss: .45 dB/ft. at 1.0 GHz Max.  
Temperature: 85°C. (185°F.) Max.

**CABLE:** RG 316/U coaxial cable

#### CHARACTERISTICS:

Impedance: 50 Ohm  
Cable O.D.: 2.49 mm (.098)  
Loss: .56 dB/ft. at 3 GHz Max.  
Temperature: 200°C. (392°F.) Max.

**CABLE:** RG 142 B/U coaxial cable

#### CHARACTERISTICS:

Impedance: 50 Ohm  
Cable O.D.: 4.95 mm (.195)  
Loss: .67 dB/ft. at 12.4 GHz Max.  
Temperature: 200°C. (392°F.) Max.

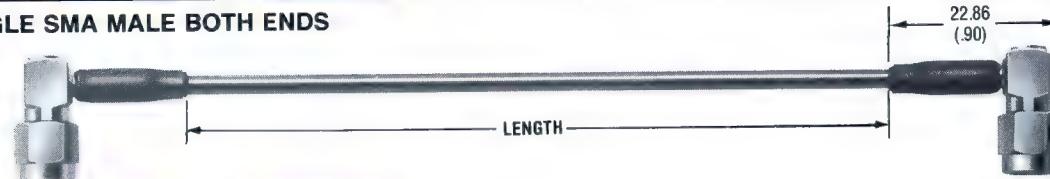
### SMA MALE BOTH ENDS



MODEL RG174/U	LIST	MODEL RG316/U	LIST	MODEL RG142B/U	LIST	Length
4846-K-24	29.95	4846-BB-24	31.95	4846-X-24	37.95	609.6 (24.0)
4846-K-48	31.15	4846-BB-48	35.95	4846-X-48	47.95	1219.2 (48.0)
4846-K-60	31.75	4846-BB-60	37.95	4846-X-60	52.95	1524.0 (60.0)

**1ST END:** Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.  
**CABLE:** (See top of page for characteristics)  
**2ND END:** Same as first end.

### RIGHT ANGLE SMA MALE BOTH ENDS



MODEL RG174/U	LIST	MODEL RG316/U	LIST	MODEL RG142B/U	LIST	Length
4813-K-24	44.95	4813-BB-24	47.95	4813-X-24	60.95	609.6 (24.0)
4813-K-48	46.15	4813-BB-48	51.95	4813-X-48	70.95	1219.2 (48.0)
4813-K-60	46.75	4813-BB-60	53.95	4813-X-60	75.95	1524.0 (60.0)

**1ST END:** Crimp SMA Male, right angle. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.  
**CABLE:** (See top of page for characteristics)  
**2ND END:** Same as first end.

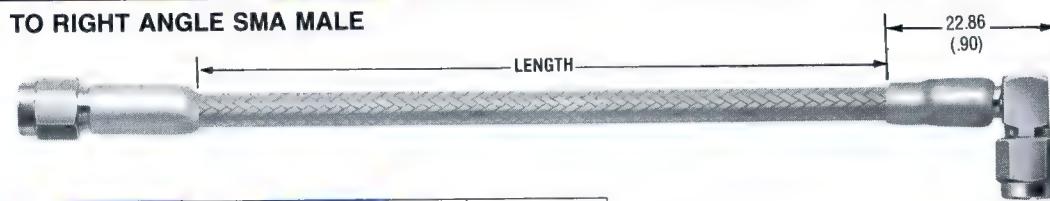
### SMA MALE TO SMA FEMALE



MODEL RG174/U	LIST	MODEL RG316/U	LIST	MODEL RG142B/U	LIST	Length
4528-K-24	34.60	4528-BB-24	36.60	4528-X-24	42.60	609.6 (24.0)
4528-K-48	35.80	4528-BB-48	40.60	4528-X-48	52.60	1219.2 (48.0)
4528-K-60	36.40	4528-BB-60	42.60	4528-X-60	57.60	1524.0 (60.0)

**1ST END:** Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.  
**CABLE:** (See top of page for characteristics)  
**2ND END:** Crimp SMA Female. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

### SMA MALE TO RIGHT ANGLE SMA MALE



MODEL RG174/U	LIST	MODEL RG316/U	LIST	MODEL RG142B/U	LIST	Length
4814-K-24	41.75	4814-BB-24	46.15	4814-X-24	49.35	609.6 (24.0)
4814-K-48	42.95	4814-BB-48	50.15	4814-X-48	59.35	1219.2 (48.0)
4814-K-60	43.55	4814-BB-60	52.15	4814-X-60	64.35	1524.0 (60.0)

**1ST END:** Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.  
**CABLE:** (See top of page for characteristics)  
**2ND END:** Crimp SMA Male, right angle. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

### SMA MALE TO TYPE "N" MALE



MODEL	Length	LIST
5058-X-12	304.8(12.0)	32.15
5058-X-24	609.6(24.0)	37.15
5058-X-36	914.4(36.0)	42.15
5058-X-48	1219.2(48.0)	47.15
5058-X-60	1524.0(60.0)	52.15

**1ST END:** Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

**CABLE:** RG 142B/U coaxial cable. (See top of page for characteristics)

**2ND END:** Type "N" Male. Brass body, tarnish resistant plated. Center contact brass, gold plated. Impedance: 50 Ohms.

# POMONA

## CABLE ASSEMBLIES

### TYPE "N" MALE EACH END

RG213/U	LIST	Length	RG214/U	LIST
1658-S-18	30.95	457.2(18.0)	1658-T-18	31.85
1658-S-24	31.30	609.6(24.0)	1658-T-24	35.35
1658-S-36	32.00	914.4(36.0)	1658-T-36	42.35
1658-S-48	32.70	1219.2(48.0)	1658-T-48	49.35
1658-S-60	33.40	1524.0(60.0)	1658-T-60	56.35



**1ST END:** Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

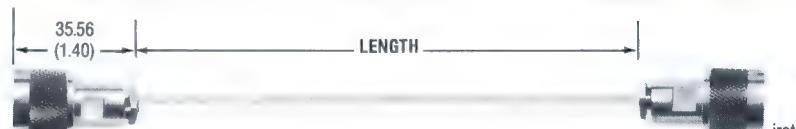
**CABLE:** RG213/U 10.29 mm (.405) O.D. or RG214/U 10.80 mm (.425) O.D.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 1000 VRMS Max.; +80°C. (+176°F.) Max.

### TYPE "N" MALE EACH END

RG58C/U	LIST	Length	RG142B/U	LIST
2256-C-24	17.10	609.6(24.0)	2256-X-24	33.40
2256-C-36	17.70	914.4(36.0)	2256-X-36	38.40
2256-C-48	18.30	1219.2(48.0)	2256-X-48	43.40
2256-C-60	18.90	1524.0(60.0)	2256-X-60	48.40



**1ST END:** Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

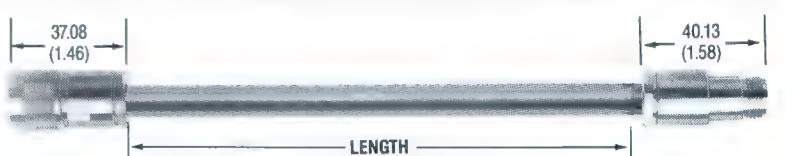
**CABLE:** RG213/U 10.29mm (.405) O.D. or RG214/U 10.80mm (.425) O.D.

**2ND END:** Same as first end.

irst

### TYPE "N" MALE TO "N" FEMALE

MODEL	Length	LIST
4496-T-18	457.2(18.0)	35.10
4496-T-24	609.6(24.0)	38.60
4496-T-36	914.4(36.0)	45.60
4496-T-48	1219.2(48.0)	52.60
4496-T-60	1524.0(60.0)	59.60



**1ST END:** Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG214/U 10.80mm (.425) O.D.

**2ND END:** Type "N" Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.

**RATING:** Operating Voltage: 1000 VRMS Max.; +80°C. (+176°F.) Max.

## TRIAXIAL CABLE ASSEMBLIES

### TRIAXIAL CABLE ASSEMBLIES

**1ST END:** Triaxial Male (See Special Features)

**CABLE:** Belden 9222, triaxial cable. Triaxial conductors 20 AWG (7 x 28) t.c., 6.15 mm (.242) O.D.

**2ND END:** Three alligator clips, steel, nickel plated. Insulation: Vinyl. One black, one red and one green.

**RATING:** Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.

MODEL	Special Features	LIST
4725	2 Lug Triax.	64.95
5342	3 Lug Triax.	72.45



### TRIAXIAL CABLE ASSEMBLIES

**MODEL 3581: 1ST END:** Triaxial Male, 2 Lug. (Model 3600)

**CABLE:** Twinaxial, Belden 9272, 6.15 (.242) O.D., 78 Ohm impedance.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max., +80°C. (+176°F.) Max.

MODEL	Length "L"	LIST
3581-CC-18	457.2(18.0)	46.95
3581-CC-24	609.6(24.0)	46.95
3581-CC-36	914.4(36.0)	46.95
3581-CC-48	1219.2(48.0)	47.55
3581-CC-60	1524.0(60.0)	48.15

**MODEL 5223: 1ST END:** Triaxial Male, 3 Lug. (Model 5218)

**CABLE:** Triaxial, Belden 9222, 6.15 mm (.242) O.D., 50 Ohm impedance.

**2ND END:** Same as first end.

**RATING:** Operating Voltage: 500 VRMS Max.

MODEL	Length	LIST
5223-36	914.4(36.0)	65.35
5223-60	1524.0(60.0)	70.35

**MODEL 5054: 1ST END:** Triaxial Male, 2 Lug. (Model 5056)

**CABLE:** Triaxial, Belden 9222, 6.15 mm (.242) O.D., 50 Ohm impedance.

**2ND END:** Same as first end.

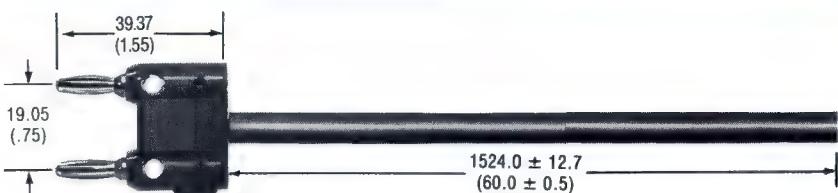
**RATING:** Operating Voltage: 500 VRMS Max.

MODEL	Length	LIST
5054-36	914.4(36.0)	65.35
5054-60	1524.0(60.0)	70.35

# POMONA

## CABLE ASSEMBLIES

### DOUBLE BANANA PLUG ONE END ONLY



Two Cond. Twisted Pr.	RG58C/U	Length
1326-A-60	1326-C-60	1524.0 (60.0)

**1ST END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.

**CABLE:** Two cond. twisted pair, 6.35 mm (.250) O.D. rated at 300 VRMS; or RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS.

**2ND END:** None.  
**RATING:** +55°C.  
(+131°F.) Max.

**LIST 10.25**

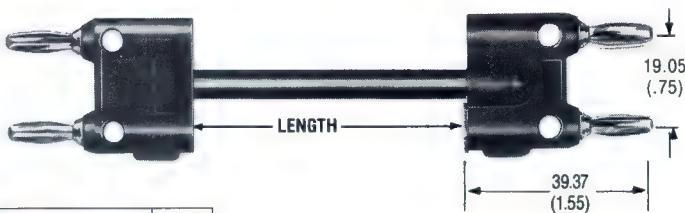
### DOUBLE BANANA PLUG EACH END

**1ST END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.

**CABLE:** Two cond. twisted pair 6.35 mm (.250) O.D. rated at 300 VRMS.; Shielded mic. 4.95 mm (.195) O.D. rated at 1900 VRMS.; RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS or RG59B/U 6.15 mm (.242) O.D. rated at 1700 VRMS.

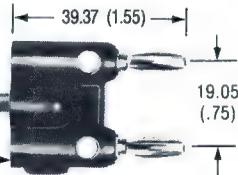
**2ND END:** Same as first end.

**RATING:** +55°C. (+131°F.) Max.



Two Cond. Twisted Pr.	LIST	Shielded Mic. Cable	LIST	RG58C/U	LIST	RG59B/U	Length	LIST
2BA-18	11.65	2BB-18	9.95	2BC-18	10.75	2BE-18	457.2 (18.0)	9.95
2BA-24	11.95	2BB-24	10.25	2BC-24	11.05	2BE-24	609.6 (24.0)	10.25
2BA-36	12.55	2BB-36	10.85	2BC-36	11.65	2BE-36	914.4 (36.0)	10.85
2BA-48	13.15	2BB-48	11.45	2BC-48	12.25	2BE-48	1219.2 (48.0)	11.45
2BA-60	13.75	2BB-60	12.05	2BC-60	12.85	2BE-60	1524.0 (60.0)	12.05

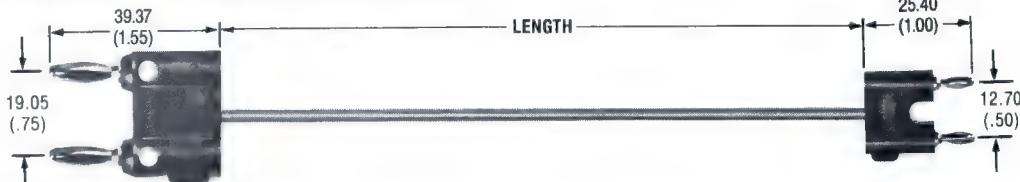
### DOUBLE BANANA PLUG EACH END ON RETRACTILE (COILED) PATCH CORD



MODEL	Extended Length	LIST
3864-48	1219.2 (48.0)	21.70
3864-60	1524.0 (60.0)	22.60
3864-72	1829.0 (72.0)	23.50

**1ST END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polystyrene, black.  
**WIRE:** 24 AWG, 45 × 40 t.c., polyurethane insulated, 4.32 mm (.170) O.D. Color, black.  
**2ND END:** Same as first end.  
**RATING:** 3000 VDC Int.; 270 VDC-90 VAC cont. duty; +50°C. (+122°F.) Max.

### DOUBLE BANANA PLUG TO MINIATURE DOUBLE BANANA PLUG

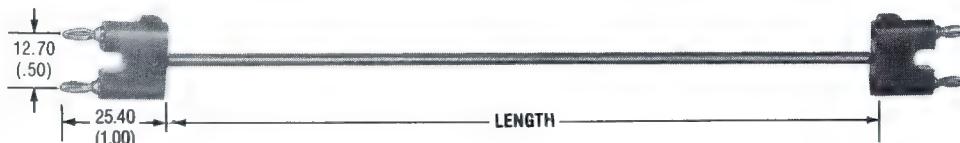


MODEL	Length	LIST
2443-K-24	609.6 (24.0)	12.50
2443-K-36	914.4 (36.0)	13.10
2443-K-48	1219.2 (48.0)	13.70
2443-K-60	1524.0 (60.0)	14.30

**1ST END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.  
**CABLE:** RG174/U, 2.54 mm (.100) O.D.

**2ND END:** Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation, polyethylene, black.  
**RATING:** 1100 VRMS; +55°C. (+131°F.) Max.

### MINIATURE DOUBLE BANANA PLUG EACH END



MODEL	Length	LIST
2247-K-12	304.8 (12.0)	12.45
2247-K-24	609.6 (24.0)	13.05
2247-K-36	914.4 (36.0)	13.65
2247-K-60	1524.0 (60.0)	14.25

**1ST END:** Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.

**CABLE:** RG174/U, 2.54 mm (.100) O.D.  
**2ND END:** Same as first end.  
**RATING:** 1100 VRMS; +55°C. (+131°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### BNC MALE TO DOUBLE BANANA PLUG



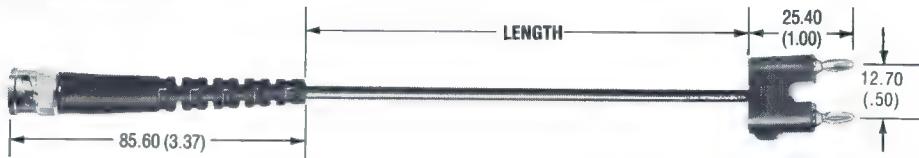
MODEL	Length	LIST
4530-C-18	457.2(18.0)	11.00
4530-C-24	609.6(24.0)	11.60
4530-C-36	914.4(36.0)	12.20
4530-C-48	1219.2(48.0)	12.80
4530-C-60	1524.0(60.0)	13.40

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation: polyethylene, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### BNC MALE TO MINIATURE DOUBLE BANANA PLUG



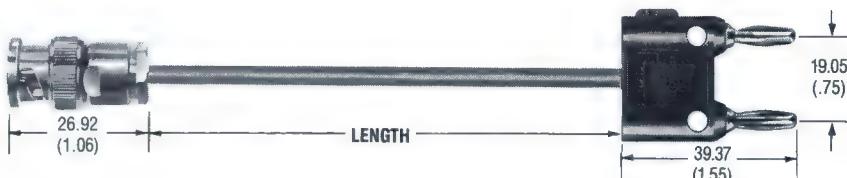
MODEL	Length	LIST
2248-K-24	609.6(24.0)	14.55
2248-K-36	914.4(36.0)	15.15
2248-K-48	1219.2(48.0)	15.75
2248-K-60	1524.0(60.0)	16.35

**1ST END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**CABLE:** RG174/U 2.54 mm (.100) O.D.

**2ND END:** Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation: polyethylene, black.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### BNC MALE TO DOUBLE BANANA PLUG



Shielded Mic. Cable	RG58C/U	Length	LIST
2BB-BNC-18	2BC-BNC-18	457.2(18.0)	12.25
2BB-BNC-24	2BC-BNC-24	609.6(24.0)	12.55
2BB-BNC-30	2BC-BNC-30	762.0(30.0)	12.85
2BB-BNC-36	2BC-BNC-36	914.4(36.0)	13.15
2BB-BNC-48	2BC-BNC-48	1219.2(48.0)	13.75
2BB-BNC-60	2BC-BNC-60	1524.0(60.0)	14.35

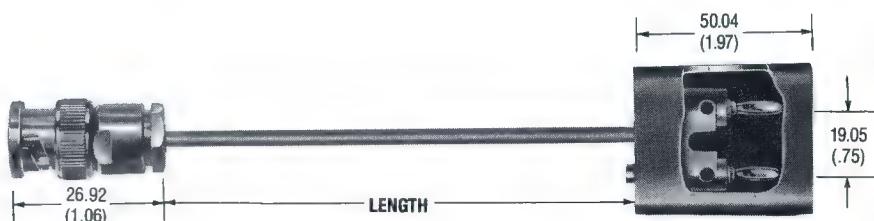
**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**Shielded mic.** 4.95 mm (.195) O.D.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.  
**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

### BNC MALE TO SHIELDED DOUBLE BANANA PLUG



MODEL	Length	LIST
1555-C-36	914.4(36.0)	25.35
1555-C-60	1524.0(60.0)	26.55

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Shielded Double Banana Plug. Brass body, beryllium copper

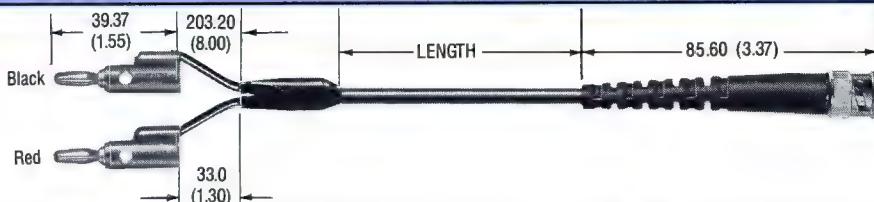
spring, nickel plated. Insulation, polyethylene. Die cast aluminum shell.  
**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### SINGLE STACKING BANANA PLUGS TO BNC MALE

MODEL	Length	LIST
5268-C-12	304.8(12.0)	13.50
5268-C-24	609.6(24.0)	14.10
5268-C-36	914.4(36.0)	14.70
5268-C-48	1219.2(48.0)	15.30
5268-C-60	1524.0(60.0)	15.90



**1ST END:** Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation: polypropylene. One black and one red.

**CABLE:** RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C (+ 122°F.) Max.

### MINIGATOR CLIPS TO BNC MALE

MODEL	Length	LIST
4532-C-18	457.2(18.0)	12.25
4532-C-24	609.6(24.0)	12.55
4532-C-30	762.0(30.0)	12.85
4532-C-36	914.4(36.0)	13.15
4532-C-48	1219.2(48.0)	13.75
4532-C-60	1524.0(60.0)	14.35



**1ST END:** Minigator Clips. Steel, cadmium plated. Insulators; vinyl. One black and one red.

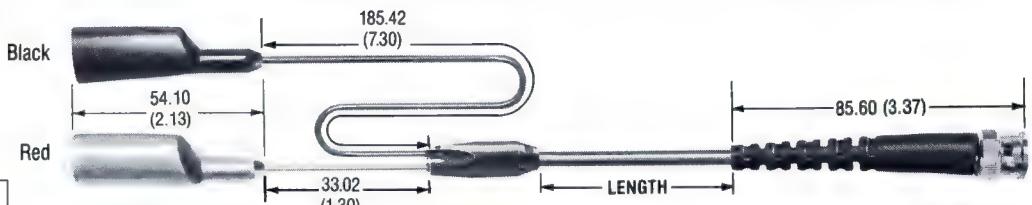
**CABLE:** RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C (+ 122°F.) Max.

### ALLIGATOR CLIPS TO BNC MALE

MODEL	Length	LIST
4531-C-18	457.2(18.0)	11.80
4531-C-24	609.6(24.0)	12.10
4531-C-30	762.0(30.0)	12.40
4531-C-36	914.4(36.0)	12.70
4531-C-48	1219.2(48.0)	13.30
4531-C-60	1524.0(60.0)	13.90



**1ST END:** Alligator Clips. Steel, nickel plated. Insulators; vinyl. One black and one red.

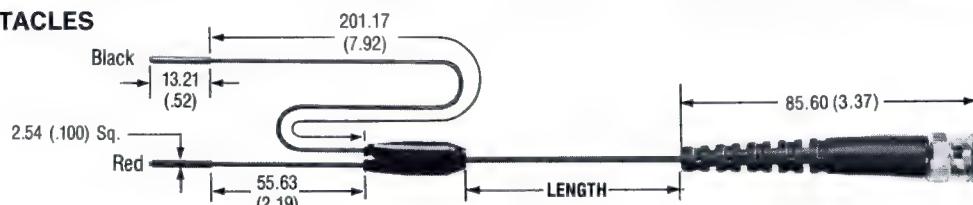
**CABLE:** RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C (+ 122°F.) Max.

### 0.64 mm (.025) SQUARE RECEPTACLES TO BNC MALE

MODEL	Length	LIST
4945-K-18	457.2(18.0)	14.75
4945-K-24	609.6(24.0)	15.05
4945-K-36	914.4(36.0)	15.65
4945-K-48	1219.2(48.0)	16.25
4945-K-60	1524.0(60.0)	16.85



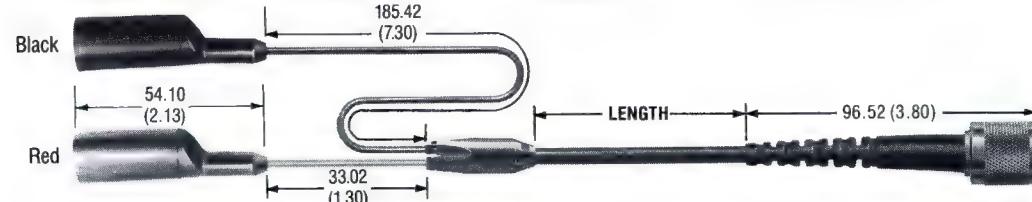
**1ST END:** 0.64 mm (.025) Square Pin Receptacles. Brass, gold plated. Insulation: ABS. One black and one red.

**CABLE:** RG174/U 2.54 mm (.100) O.D. Y-mold insulation; PVC, black.

**2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C (+ 122°F.) Max.

### ALLIGATOR CLIPS TO UHF MALE



**1ST END:** Alligator Clips. Steel, nickel plated. Insulators; vinyl. One black and one red.

**CABLE:** RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

**2ND END:** Crimp UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant. Boot; PVC, black.

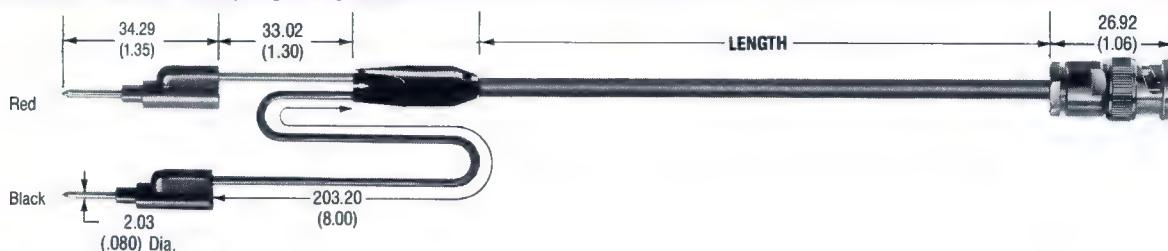
**RATING:** Operating Voltage: 500 VRMS Max.; + 50°C (+ 122°F.) Max.

MODEL	Length	LIST
AL-C-UHF-36	914.4(36.0)	16.65
AL-C-UHF-60	1524.0(60.0)	17.85

# POMONA

## CABLE ASSEMBLIES

### STACKING PIN TIP PLUGS TO BNC MALE



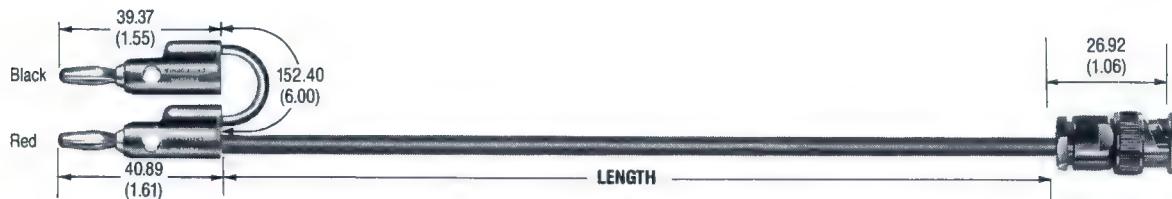
MODEL	Length	LIST
2882-C-18	457.2 (18.0)	14.35
2882-C-24	609.6 (24.0)	14.65
2882-C-36	914.4 (36.0)	15.25
2882-C-48	1219.2 (48.0)	15.85
2882-C-60	1524.0 (60.0)	16.45

**1ST END:** Stacking Pin Tip Plugs. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

**CABLE:** Shielded coaxial, RG58C/U, 4.95 mm (.195) O.D. Y-Mold insulation; PVC, black.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### SINGLE BANANA PLUGS TO BNC MALE



MODEL	Length	LIST
2241-C-18	457.2 (18.0)	15.40
2241-C-24	609.6 (24.0)	15.70
2241-C-36	914.4 (36.0)	16.30
2241-C-48	1219.2 (48.0)	16.90

**1ST END:** Single Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene, red. Ground plug insulation; polypropylene, black.

**CABLE:** Shielded coaxial, RG58C/U, 4.95 mm (.195) O.D.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

### MINIGATOR CLIPS TO BNC MALE



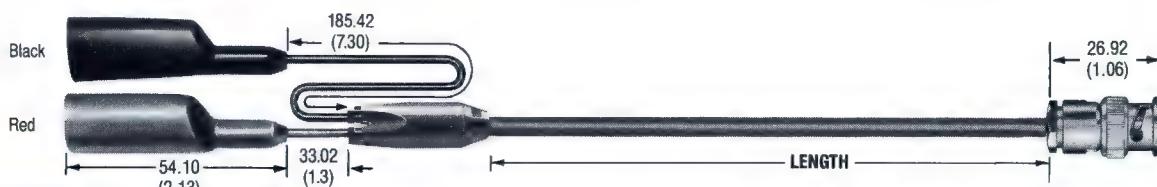
Shielded Mic. Cable	RG58C/U	Length	LIST
MG-B-BNC-18	MG-C-BNC-18	457.2 (18.0)	12.10
MG-B-BNC-24	MG-C-BNC-24	609.6 (24.0)	12.40
MG-B-BNC-30	MG-C-BNC-30	762.0 (30.0)	12.70
MG-B-BNC-36	MG-C-BNC-36	914.4 (36.0)	13.00
MG-B-BNC-48	MG-C-BNC-48	1219.2 (48.0)	13.60
MG-B-BNC-60	MG-C-BNC-60	1524.0 (60.0)	14.20

**1ST END:** Minigator Clips. Steel, cadmium plated. Vinyl boots.

**CABLE:** Shielded mic. 4.95 mm (.195) O.D. or RG58C/U, 4.95 mm (.195) O.D. Y-mold insulation; PVC.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Brass contact, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### ALLIGATOR CLIPS TO BNC MALE



Shielded Mic. Cable	RG58C/U	Length	LIST
AL-B-BNC-18	AL-C-BNC-18	457.2 (18.0)	11.65
AL-B-BNC-24	AL-C-BNC-24	609.6 (24.0)	11.95
AL-B-BNC-30	AL-C-BNC-30	762.0 (30.0)	12.25
AL-B-BNC-36	AL-C-BNC-36	914.4 (36.0)	12.55
AL-B-BNC-48	AL-C-BNC-48	1219.2 (48.0)	13.15
AL-B-BNC-60	AL-C-BNC-60	1524.0 (60.0)	13.75

**1ST END:** Alligator Clips. Steel, nickel plated. Vinyl boots.

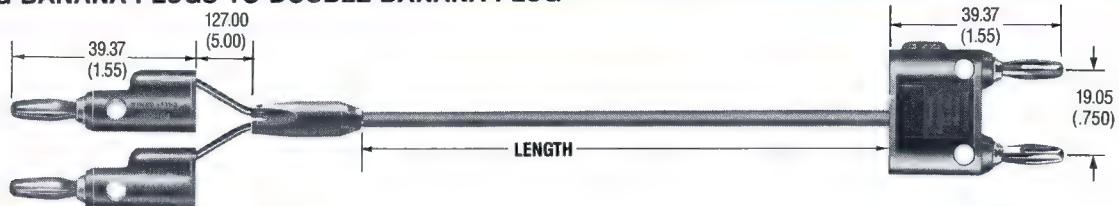
**CABLE:** Shielded mic. 4.95 mm (.195) O.D. or RG58C/U, 4.95 mm (.195) O.D. Y-mold insulation; PVC.

**2ND END:** BNC Male. Brass body, tarnish resistant plated. Brass contact, gold plated. Impedance: 50 Ohms.  
**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### STACKING BANANA PLUGS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
1368-A-18	457.2 (18.0)	18.35
1368-A-24	609.6 (24.0)	18.65
1368-A-30	762.0 (30.0)	18.95
1368-A-36	914.4 (36.0)	19.25
1368-A-48	1219.2 (48.0)	19.85
1368-A-60	1524.0 (60.0)	20.45

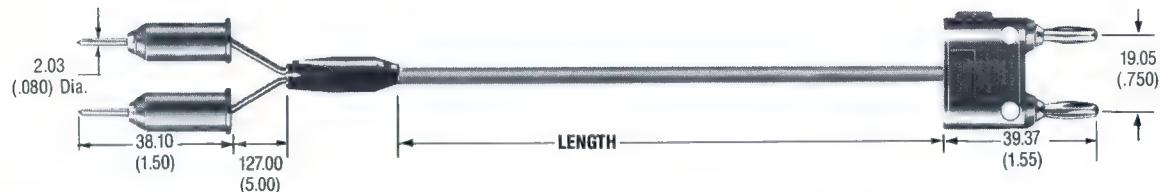
**1ST END:** Single Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. One black and one red.

**CABLE:** Two Cond., twisted pair, 6.35 mm (.250) O.D. Y-mold insulation; PVC, gray.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, gray.

**RATING:** 300 VRMS; +50°C. (+122°F.) Max.

### SINGLE PIN TIP PLUGS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
2184-A-36	914.4 (36.0)	19.45
2184-A-48	1219.2 (48.0)	20.05
2184-A-60	1524.0 (60.0)	20.65

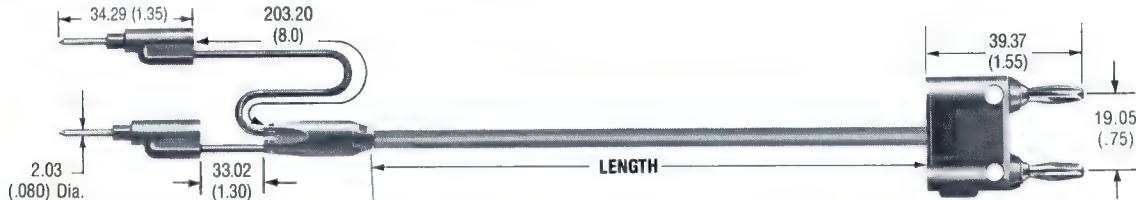
**1ST END:** Single Pin Tip Plugs. Brass, nickel plated. Insulation, polypropylene. One black and one red.

**CABLE:** Two conductor, twisted pair, 6.35 mm (.250) O.D. Y-mold insulation; PVC, gray.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, gray.

**RATING:** 300 VRMS; +50°C. (+122°F.) Max.

### STACKING PIN TIP PLUGS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
2BC-PP-18	457.2 (18.0)	15.90
2BC-PP-24	609.6 (24.0)	16.20
2BC-PP-36	914.4 (36.0)	16.80
2BC-PP-48	1219.2 (48.0)	17.40
2BC-PP-60	1524.0 (60.0)	18.00

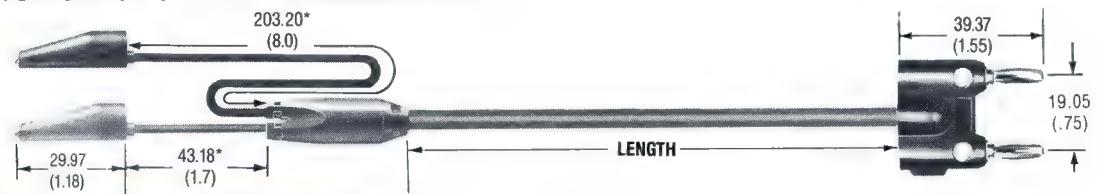
**1ST END:** Single Stacking Pin Tip Plugs. Brass, nickel plated. Insulation, polypropylene. One black and one red.

**CABLE:** RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.

**RATING:** 1400 VRMS; +50°C. (+122°F.) Max.

### MINIGATOR CLIPS TO DOUBLE BANANA PLUG



Two Cond. Twisted Pair	LIST	Shielded Mic. Cable	RG58C/U	Length	LIST
2BA-MG-18	18.85	2BB-MG-36	2BC-MG-18	457.2 (18.0)	16.90
2BA-MG-24	19.05		2BC-MG-24	609.6 (24.0)	17.20
2BA-MG-30	19.35		2BC-MG-30	762.0 (30.0)	17.50
2BA-MG-36	19.65		2BC-MG-36	914.4 (36.0)	17.80
2BA-MG-48	20.25		2BC-MG-48	1219.2 (48.0)	18.40
2BA-MG-60	20.85		2BC-MG-60	1524.0 (60.0)	19.00

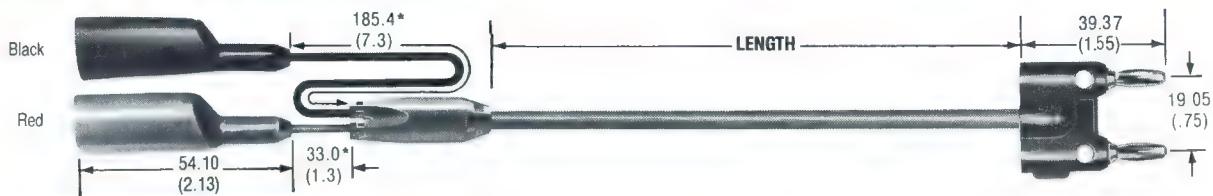
**1ST END:** Minigator Clips. Steel, Cadmium plated. Vinyl boots, one black and one red. \*Breakout lengths on 2BA-MG are each 109.2mm (4.3) long.  
**CABLE:** two cond. twisted pair 6.35mm (.250) O.D. 300 VRMS; shielded Mic. 4.95mm (.195) O.D. 1900 VRMS; RG 58 C/U 4.95mm (.195) O.D. 1400 VRMS. Y-mold insulation, PVC.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.  
**RATING:** +50°C. (+122°F.) Max.

# POMONA

## CABLE ASSEMBLIES

### ALLIGATOR CLIPS TO DOUBLE BANANA PLUG



Two Cond. Twisted Pair:	LIST	Shielded Mic. Cable	RG58C/U	Length	LIST
2BA-AL-18	16.85	2BB-AL-18	2BC-AL-18	457.2 (18.0)	13.85
2BA-AL-24	17.15	2BB-AL-24	2BC-AL-24	609.6 (24.0)	14.15
2BA-AL-30	17.45	2BB-AL-30	2BC-AL-30	762.0 (30.0)	14.45
2BA-AL-36	17.75	2BB-AL-36	2BC-AL-36	914.4 (36.0)	14.75
2BA-AL-48	18.35	2BB-AL-48	2BC-AL-48	1219.2 (48.0)	15.35
2BA-AL-60	18.95	2BB-AL-60	2BC-AL-60	1524.0 (60.0)	15.95

**1ST END:** Alligator Clips. Steel, nickel plated. Vinyl boots. \*Breakout lengths on 2BA-AL are each 96.52 mm (3.8) long.

**CABLE:** Two cond.

twisted pair 6.35 mm

.250) O.D. rated at 300 VRMS; shielded mic. 4.95 mm (.195) O.D. rated at 1900 VRMS or RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS. Y-mold insulation, PVC.

**2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.

**RATING:** +50°C.

(+122°F.) Max.

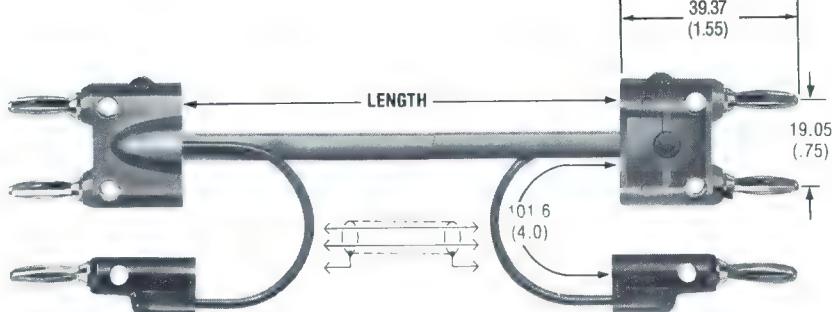
### TWO COND. SHIELDED BALANCED LINE

**1ST END:** Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.

**CABLE:** Two conductor shielded microphone, 5.87 mm (.231) O.D.

**2ND END:** Same as first end.

**RATING:** 1000 VRMS, +55°C. (+131°F.) Max.



MODEL	Length	LIST
1167-18	457.2 (18.0)	24.30
1167-24	609.6 (24.0)	24.60
1167-30	762.0 (30.0)	24.90
1167-36	914.4 (36.0)	25.20
1167-48	1219.2 (48.0)	25.80
1167-60	1524.0 (60.0)	26.40

### MINIGATOR CLIPS TO MINIATURE DOUBLE BANANA PLUG



**1ST END:** Minigator Clips. Steel, cadmium plated. Insulation; vinyl.

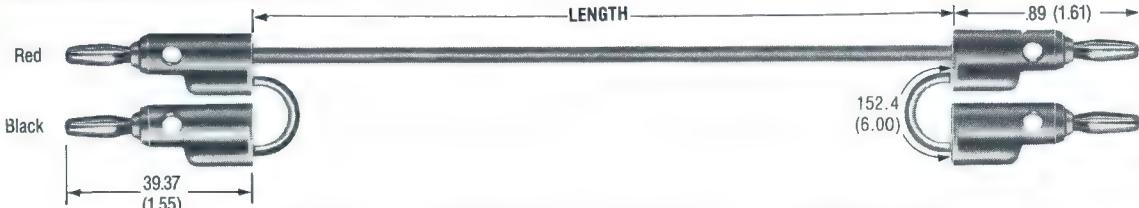
**CABLE:** RG 174/U, 2.54 mm (.100) O.D. Y-mold insulation; PVC, black.

**2ND END:** Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.

**RATING:** 1100 VRMS; +55°C. (+122°F.) Max.

**LIST 16.00**

### SINGLE STACKING BANANA PLUGS EACH END



**1ST END:** Single Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene, red. Ground plug insulation; polypropylene, black.

**CABLE:** RG58C/U 4.95 mm (.195) O.D.

**2ND END:** Same as first end.

**RATING:** 1400 VRMS; +55°C. (+131°F.) Max.

MODEL	Length	LIST
2239-C-24	609.6 (24.0)	21.00
2239-C-36	914.4 (36.0)	21.60
2239-C-48	1219.2 (48.0)	22.20
2239-C-60	1524.0 (60.0)	22.80

# POMONA

## LOW THERMAL E.M.F. JUMPERS

### HIGH CONDUCTIVITY ETP COPPER, ALLOY 110 LEADS FOR PRECISION MEASUREMENTS

Pomona Electronics offers products for use in measurements when thermoelectric effects are significant sources of error. Comparators designed for use with the Kelvin-Varley voltage divider and microvolt leads were tested with primary standards laboratory equipment.

Thermoelectric voltages were not detected until the most sensitive galvanometer range was used.

Thermoelectric properties - High Conductivity ETP Copper, Alloy 110, gold plated spade lugs cold-staked to multi-stranded 12 gauge copper wire minimize thermoelectric effects - an absolute necessity for low voltage, high precision measurements.

Low resistance -12 gauge multi-stranded copper wire results in extremely low cable resistance. Spade lugs plated with 15 micro inches gold for minimum contact resistance and minimum thermal EMF when using copper binding posts (less than 0.01  $\mu\text{V}/^\circ\text{C}$ ).

### LOW THERMAL EMF RETRACTABLE SHEATH BANANA PLUG, EACH END

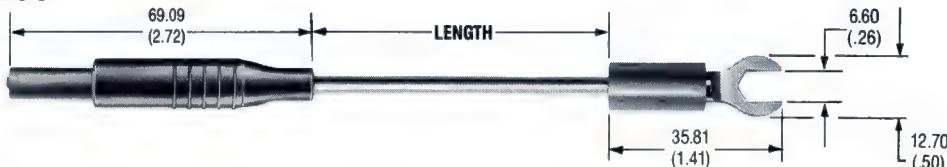


MODEL	Length	LIST
5291-12-*	304.8 (12.0)	12.10
5291-36-*	914.1 (36.0)	12.10
5291-60-*	1524.0 (60.0)	13.40

**1ST END:** Sheathed Banana Plug. Tellurium copper body, beryllium copper spring, gold plated. Insulation,nylon.  
**WIRE:** 12 AWG, 7 x 38/36 bare copper, PVC jacket, 3.66 (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### LOW THERMAL EMF RETRACTABLE SHEATH BANANA PLUG TO SPADE LUG

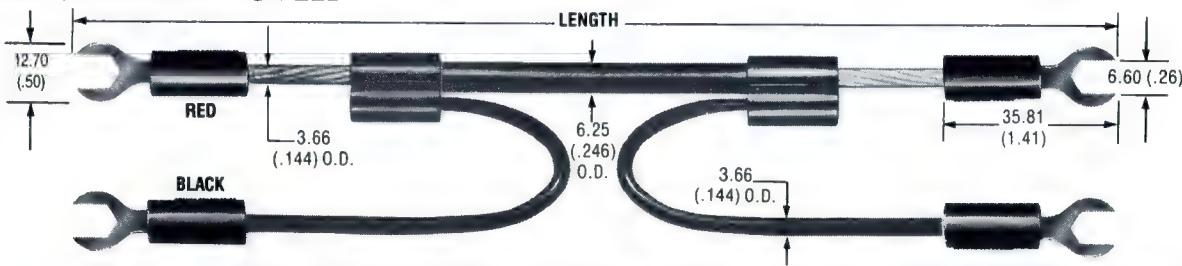


MODEL	Length	LIST
5295-12-*	304.8 (12.0)	12.60
5295-36-*	914.1 (36.0)	12.60
5295-60-*	1524.0 (60.0)	14.40

**1ST END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation,nylon.  
**WIRE:** 12 AWG, 7 x 38/36 bare copper, PVC jacket, 3.66 (.144) O.D.

**2ND END:** Spade Lug. ETP copper, alloy 110, gold plated. Insulation, polypropylene.  
**RATING:** 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

### LOW THERMAL JUMPER WITH SHIELD



MODEL	Length	LIST
1756-24	609.6 (24.0)	32.00
1756-48	1219.2 (48.0)	35.00

Designed for use with Kelvin-Varley voltage dividers where extreme precision is required for low voltage measurements. Features guard shield to effectively reduce shunt resistance.  
**1ST END:** Spade Lug. High conductivity ETP copper, alloy 110, gold plated. Insulation, polypropylene, one black and one red.  
**WIRE:** 12 AWG, 7 x 38/36 bare copper, polyethylene insulation. Braid shield bare copper, PVC jacket. 6.25 (.246) O.D. per MIL-C-17A.

**2ND END:** Same as first end.  
**RATING:** 2000 WVDC, 20 Amps, +55°C. (+131°F.) Max.

### LOW THERMAL SPADE LUG JUMPER



MODEL	Length	LIST
1693-12-*	304.8 (12.0)	11.40
1693-18-*	457.2 (18.0)	11.85
1693-24-*	609.6 (24.0)	12.30
1693-36-*	914.4 (36.0)	13.20
1693-48-*	1219.2 (48.0)	14.10
1693-60-*	1524.0 (60.0)	15.00

Single High Conductivity ETP Copper, spade lug jumper used in applications where guard shield is not required.  
**1ST END:** Spade Lug. High conductivity ETP copper, alloy 110, gold plated. Insulation, polypropylene, one black and one red.  
**WIRE:** 12 AWG, 7 x 38/36 bare copper, PVC jacket 3.66 (.144) O.D.

**2ND END:** Same as first end.  
**RATING:** 2000 WVDC, 20 Amps, +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

# POMONA

## MOLDED BREAKOUTS

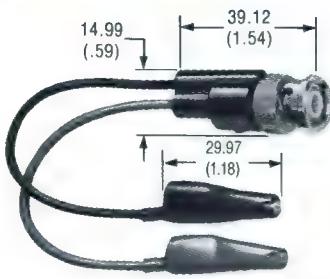
### BNC MALE TO TEST CLIPS

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 18 AWG on alligator clips. 20 AWG on minigator clips. One black and one red.

**2ND END:** Alligator clips. Steel, nickel plated. Minigators. Steel, cadmium plated. Vinyl boots, one black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 10.30

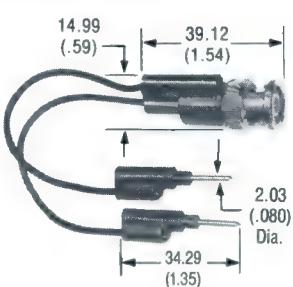
### BNC MALE TO STACKING PIN TIP PLUGS

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Stacking Pin Tip Plugs. Brass, gold plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 11.45

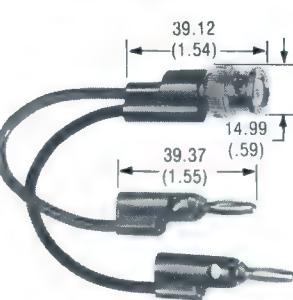
### BNC MALE TO STACKING BANANA PLUGS

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.

**2ND END:** Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 10.20

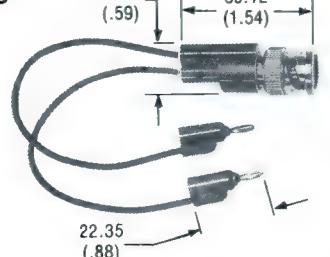
### BNC MALE TO MINIATURE STACKING BANANA PLUGS

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Stacking Miniature Banana Plugs. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 10.90

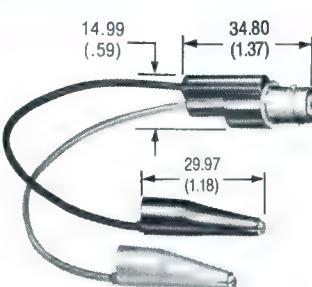
### BNC FEMALE TO TEST CLIPS

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 18 AWG on alligator clips. 20 AWG on minigator clips. One black and one red.

**2ND END:** Alligator clips. Steel, nickel plated. Minigators. Steel, cadmium plated. Vinyl boots, one black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 7.60

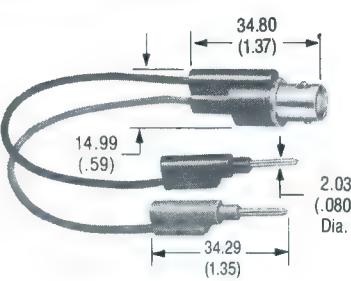
### BNC FEMALE TO STACKING PIN TIP PLUGS

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Stacking Pin Tip Plugs. Brass, gold plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 8.15

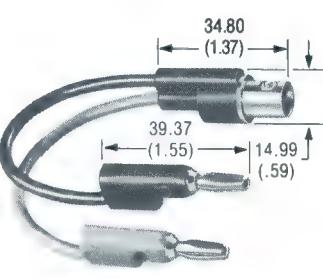
### BNC FEMALE TO STACKING BANANA PLUGS

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.

**2ND END:** Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 7.00

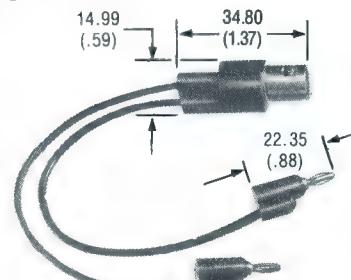
### BNC FEMALE TO MINIATURE STACKING BANANA PLUGS

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Stacking Miniature Banana Plugs. Brass body, beryllium copper spring, gold plated. Fits miniature 2.64 mm (.104) dia. banana jacks. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

LIST 8.50

# POMONA

## MOLDED BREAKOUTS

### BNC MALE TO MICROGRABBER® TEST CLIPS

This molded breakout converts a coaxial cable with a BNC female to a test cable with clips.

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Micrograbber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

5189

LIST 10.50

### BNC MALE TO MINIGRABBER® TEST CLIPS

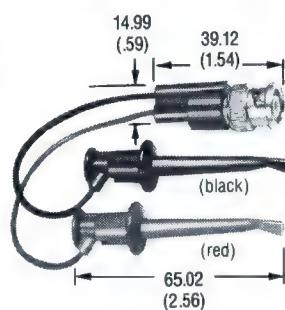
This molded breakout converts a coaxial cable with a BNC female to a test cable with clips.

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Minigrabber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

3789

LIST 9.00

### BNC FEMALE TO #8 SPADE LUGS

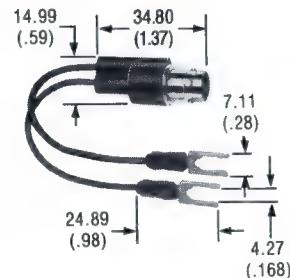
This molded breakout allows a BNC cable to be used with equipment having #8 screw terminals, such as fanning strips, etc.

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** #8 Spade Lugs. Copper, tin plated. Insulation; vinyl. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

5051

LIST 6.30

### BNC FEMALE TO MICROGRABBER® TEST CLIPS

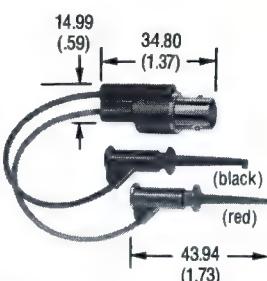
This molded breakout converts a coaxial cable with a BNC male to a test cable with clips.

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Micrograbber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

5188

LIST 9.70

### BNC FEMALE TO MINIGRABBER® TEST CLIPS

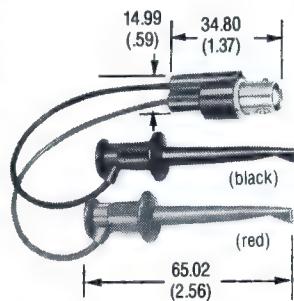
This molded breakout converts a coaxial cable with a BNC male to a test cable with clips.

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

**2ND END:** Minigrabber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

3788

LIST 7.30

### BNC MALE TO SMD GRABBER® TEST CLIPS

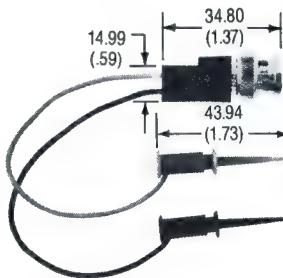
The pincer type action on this grabber allows attachment to the smallest of leads.

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D. One black and one red.

**2ND END:** SMD Grabber Test Clips. Selectively gold plated stainless steel contact. Glass filled nylon insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

#### MODEL

5410

LIST 12.50

# POMONA

## MOLDED BREAKOUTS

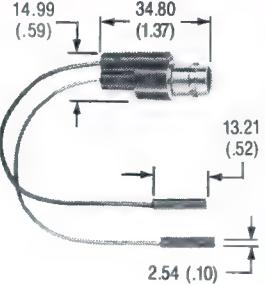
### BNC FEMALE TO 0.64 mm (.025) SQ. RECEPTACLES

This molded breakout can be attached directly to the 0.64 mm (.025) square pins on a circuit card.  
**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 22 AWG, 26 x 36 t.c., PVC insulated 1.63 mm (.064) O.D. One black and one red.

**2ND END:** 0.64 mm (.025) Square Pin Receptacles. Phosphor bronze, gold plated, ABS insulation. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5069

LIST 7.45

### BNC FEMALE TO SPADE LUGS

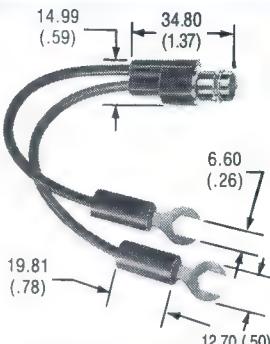
This breakout allows a BNC cable to be used with equipment having binding posts.

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.

**2ND END:** 1/4" Spade Lugs. Brass, nickel plated. Insulation; polypropylene. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

LIST 8.85

### BNC MALE TO 20 AWG LEADS

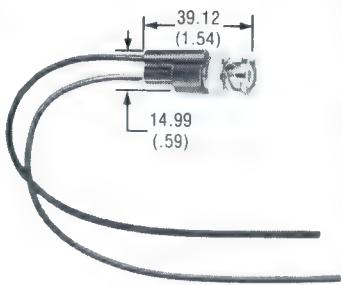
Attach your own breakout or wire directly to circuit board.

**1ST END:** BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated 2.21 mm (.087) O.D. One black and one red.

**2ND END:** None.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

4970

LIST 6.85

### BNC FEMALE TO 20 AWG LEADS

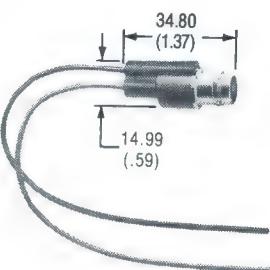
Attach your own breakout or wire directly to circuit board.

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated 2.21 mm (.087) O.D. One black and one red.

**2ND END:** None.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

LIST 4.95

### SMD GRABBER® TEST CLIPS TO BNC FEMALE



OVERALL LENGTH: 177.8 mm (7.0)

MODEL

5305

**1ST END:** BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

**WIRE:** 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D. One black and one red.

**2ND END:** SMD GRABBER® test clips. Contact, selectively gold plated stainless steel. Insulation, glass filled nylon. One black and one red.

**RATING:** Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

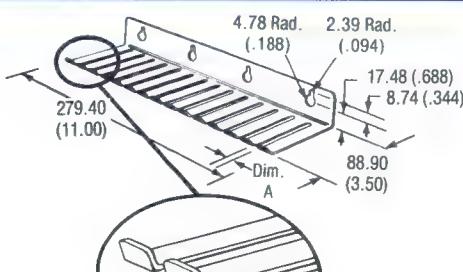
LIST 10.00

## TEST LEAD HOLDER

### TEST LEAD HOLDER

No need to spend time searching for a particular test lead. With these racks, all of your patch cords and cable assemblies can be conveniently filed for instant selection - within easy reach. Holder mounts quickly on any vertical surface. Test leads are easy to store, easy to remove. Three models to choose from for different size cables.

**MATERIALS:** Cold rolled steel.  
**FINISH:** Baked enamel.



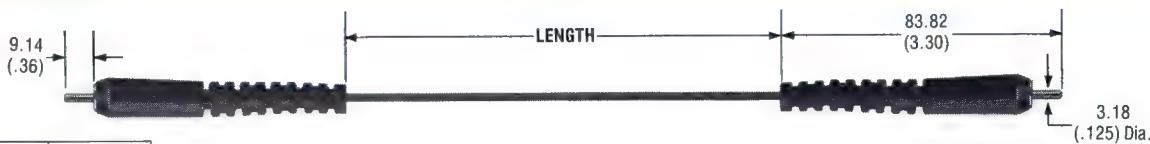
LIST 4.95

MODEL	Color	Max. Cable Dia. (Dim. A)
1508	Orange	5.33(.210)
4408	Black	8.13(.320)
2708	Blue	11.43(.450)

# POMONA

## AUDIO/VIDEO CABLE ASSEMBLIES

### PHONO PLUG BOTH ENDS



MODEL	Length	LIST
5092-K-18	457.2 (18.0)	14.05
5092-K-24	609.6 (24.0)	14.35
5092-K-36	914.4 (36.0)	14.95
5092-K-48	1219.2 (48.0)	15.55

1ST END: Phono plug. Brass, nickel plated. Boot; PVC, black.  
CABLE: RG174/U, 2.54 mm (.100) O.D.

2ND END: Same as first end.  
RATING: 500 VRMS; +50°C. (+122°F.) Max.

### PHONO PLUG TO BNC MALE

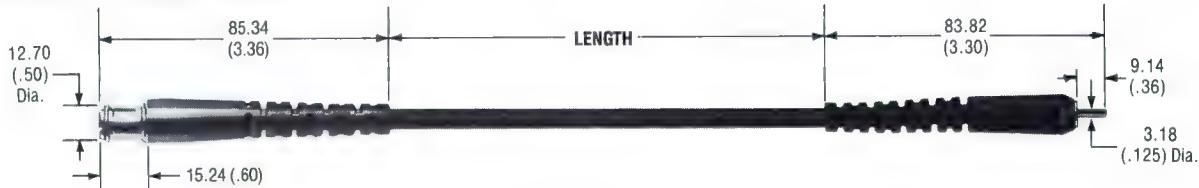


MODEL	Length	LIST
4963-E-24	609.6 (24.0)	11.75
4963-E-36	914.4 (36.0)	12.35
4963-E-48	1219.2 (48.0)	12.95
4963-E-60	1524.0 (60.0)	13.55

1ST END: Phono plug. Brass, nickel plated. Boot; PVC, black.  
CABLE: RG59B/U, 6.15 mm (.242) O.D., 75 OHM.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.  
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### TYPE "F" PUSH-ON TO PHONO PLUG



MODEL	Length
5025-E-72	1829 (72.0)

1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.  
CABLE: RG59B/U, 6.15 mm (.242) O.D., 75 OHM.

2ND END: Phono Plug. Brass, nickel plated. Boot; PVC, black.  
RATING: 500 VRMS; +50°C. (+122°F.) Max.

**LIST 14.75**

### TYPE "F" MALE PUSH-ON TO BNC MALE



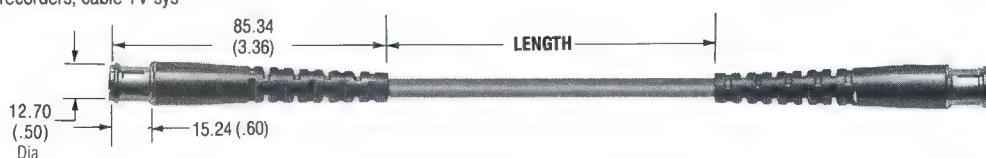
MODEL	Length	LIST
4939-PP-24	609.6 (24.0)	14.00
4939-PP-36	914.4 (36.0)	14.75
4939-PP-48	1219.2 (48.0)	15.50
4939-PP-60	1524.0 (60.0)	16.25

1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.  
CABLE: RG59 type CATV cable 6.15 mm (.242) O.D.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.  
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

### TYPE "F" MALE PUSH-ON EACH END

This "F" type fits standard female "F" connectors. Positive connection is made by pushing the male onto the female connector. Excellent for television inputs, video recorders, cable TV systems, etc.



MODEL
4920-PP-48

1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.  
CABLE: RG59 type CATV cable 6.15 mm (.242) O.D.

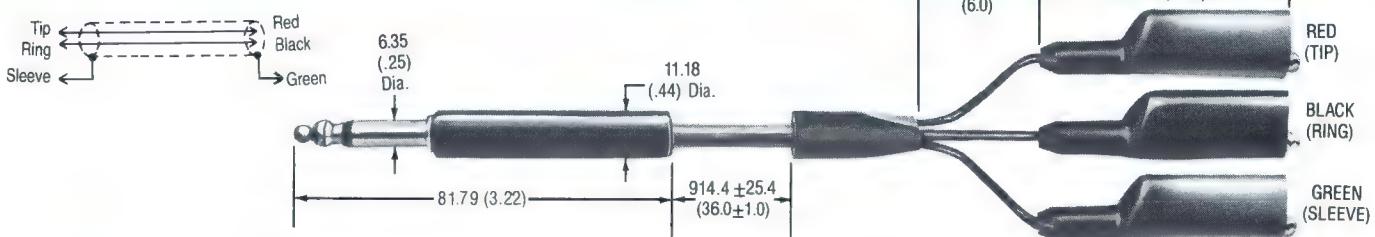
2ND END: Same as first end.  
RATING: 500 VRMS; +50°C. (+122°F.) Max.

**LIST 11.45**

# POMONA

## TELEPHONE CABLE ASSEMBLIES

### PJ051 (WE310) PHONE PLUG TO 3 ALLIGATOR CLIPS



**1ST END:** Phone Plug PJ-051, with red phenolic handle. Body, brass.

**CABLE:** Two cond. shielded microphone. Polyethylene insulation. Vinyl jacket 5.87

(.231) O.D. nom. cap. between cond. 18 pf/ft. Nom. cap. between one cond. and remaining cond. connected to shield 32 pf/ft. Color: Gray. Y-mold insulation; PVC, gray.

**2ND END:** Alligator clips, steel, nickel plated. Vinyl boots; one red, one black, and one green.

**RATING:** 500 V Peak, +50°C. (+122°F.) Max.

<b>MODEL</b>	
5151-J-36	

**LIST 32.00**

### PJ-051 (WE 310) PHONE PLUG TO ALLIGATOR CLIPS

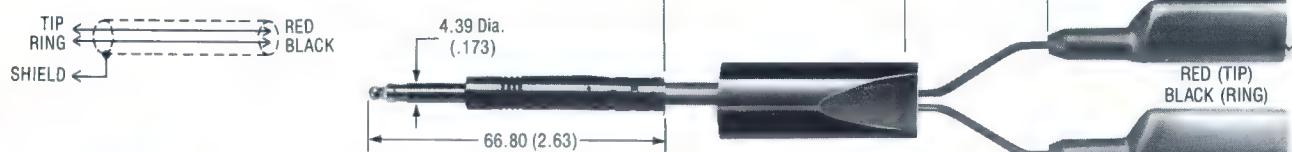


MODEL	Length	LIST
3352-A-36	914.4(36.0)	25.90
3352-A-60	1524.0(60.0)	27.70
3352-A-84	2133.6(84.0)	29.50
3352-A-120	3048.0(120)	31.30

**1ST END:** PJ-051 Phone Plug, brass. insulation; Phenolic, red. **CABLE:** Two cond. twisted pair, 65 x 36 t.c., 6.35 mm (.250) O.D. Y-Mold insulation; PVC, gray.

**2ND END:** Alligator clips, steel, nickel plated. Vinyl boots, one black and one red. **RATING:** 300 VRMS, +50°C. (+122°F.) Max.

### MINIATURE PHONE PLUG TO ALLIGATOR CLIPS

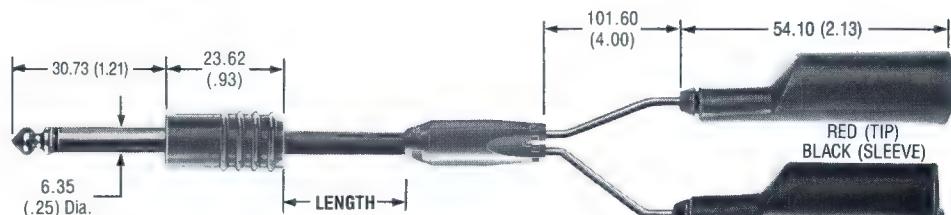


MODEL	Length	LIST
5026-36	914.4(36.0)	25.40
5026-60	1524.0(60.0)	26.60
5026-84	2133.6(84.0)	29.00

**1ST END:** Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection. **CABLE:** Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57(.180) O.D. Y-mold insulation, PVC, gray.

**2ND END:** Alligator clips. Steel, nickel plated. Vinyl boots, one black and one red. **RATING:** 500 V Peak, +50°C. (+122°F.) Max.

### STANDARD PHONE PLUG TO ALLIGATOR CLIPS



MODEL	Length	LIST
4990-B-36	914.4(36.0)	16.80
4990-B-60	1524.0(60.0)	18.00
4990-B-84	2133.6(84.0)	21.20
4990-B-120	3048.0(120)	23.00

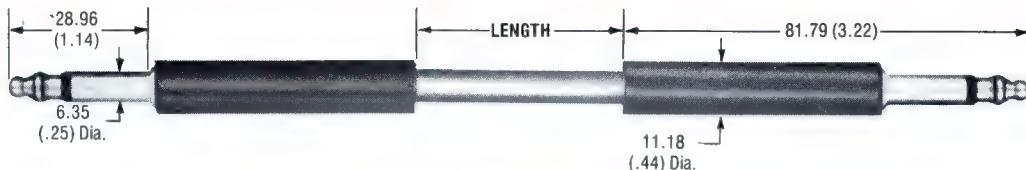
**1ST END:** Standard 2 cond., Phone Plug. Brass, nickel plated. Insulation; polyethylene, gray. **CABLE:** Shielded microphone coaxial, 4.95 mm (.195) O.D. Y-Mold insulation; PVC, gray.

**2ND END:** Alligator clips. Steel, nickel plated. Vinyl boots, one black and one red. **RATING:** 500 V Peak, +50°C. (+122°F.) Max.

# POMONA

## TELEPHONE CABLE ASSEMBLIES

### PJ-051 (WE310) PHONE PLUG EACH END



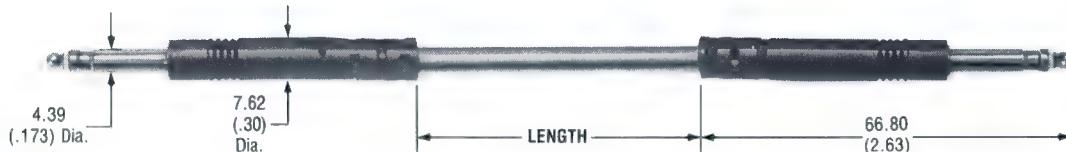
MODEL	Length	LIST
2524-A-18	457.2(18.0)	28.95
2524-A-24	609.6(24.0)	29.25
2524-A-36	914.4(36.0)	29.85
2524-A-48	1219.2(48.0)	30.45
2524-A-60	1524.0(60.0)	31.05

**WIRED TIP AND RING ONLY**  
**1ST END:** PJ-051 Phone Plug. Brass. Insulation; phenolic, red.  
**CABLE:** Two conductor twisted pair. 6.35 mm (.250) O.D.  
**2ND END:** Same as first end.  
**RATING:** 500 V Peak.

MODEL	Length	LIST
2524-J-18	457.2(18.0)	36.30
2524-J-24	609.6(24.0)	36.60
2524-J-36	914.4(36.0)	37.20
2524-J-48	1219.2(48.0)	37.80
2524-J-60	1524.0(60.0)	38.40

**WIRED TIP, RING AND SLEEVE**  
**1ST END:** PJ-051 Phone Plug. Brass. Insulation; phenolic, red.  
**CABLE:** Two conductor shielded microphone, 5.87 mm (.231) O.D.  
**2ND END:** Same as first end.  
**RATING:** 500 V Peak.

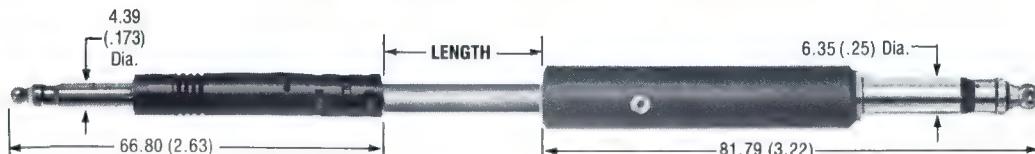
### MINIATURE PHONE PLUG EACH END



MODEL	Length	LIST
4279-12	304.8(12.0)	21.45
4279-24	609.6(24.0)	22.05
4279-36	914.4(36.0)	22.65
4279-48	1219.2(48.0)	23.25
4279-60	1524.0(60.0)	23.85

**WIRED TIP, RING AND SLEEVE**  
**1ST END:** Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection.  
**CABLE:** Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57 (.180) O.D.  
**2ND END:** Same as first end.  
**RATING:** 500 V. Peak, +50°C. (+122°F.) Max.

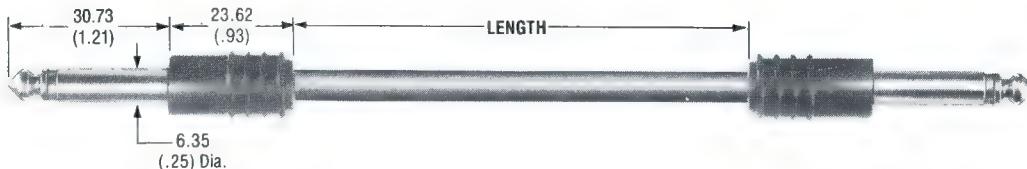
### MINIATURE PHONE PLUG TO PJ-051 (WE 310) PHONE PLUG



MODEL	Length	LIST
4280-36	914.4(36.0)	49.95
4280-48	1219.2(48.0)	50.55
4280-60	1524.0(60.0)	51.15

**WIRED TIP, RING AND SLEEVE**  
**1ST END:** Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection.  
**CABLE:** Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57 (.180) O.D.  
**2ND END:** PJ-051 Phone Plug. Brass. Insulation, phenolic, red.  
**RATING:** 500 V. Peak, +50°C. (+122°F.) Max.

### STANDARD PHONE PLUG EACH END



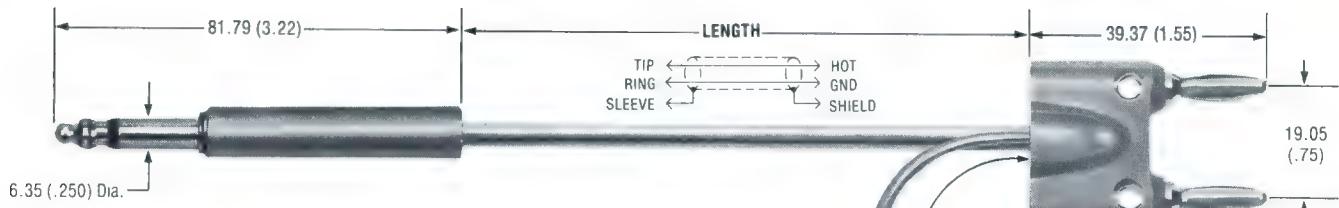
MODEL	Length	LIST
4053-B-36	914.4(36.0)	17.25
4053-B-60	1524.0(60.0)	18.45

**1ST END:** Standard 2 Cond. Phone Plug. Brass, nickel plated. Insulation; polyethylene, gray.  
**CABLE:** Shielded microphone, coaxial. Gray vinyl jacket, 4.95 mm (.195) O.D.  
**2ND END:** Same as first end.  
**RATING:** 500 V Peak; + 55°C. (+131°F.) Max.

# POMONA

## AUDIO/VIDEO CABLES ASSEMBLIES

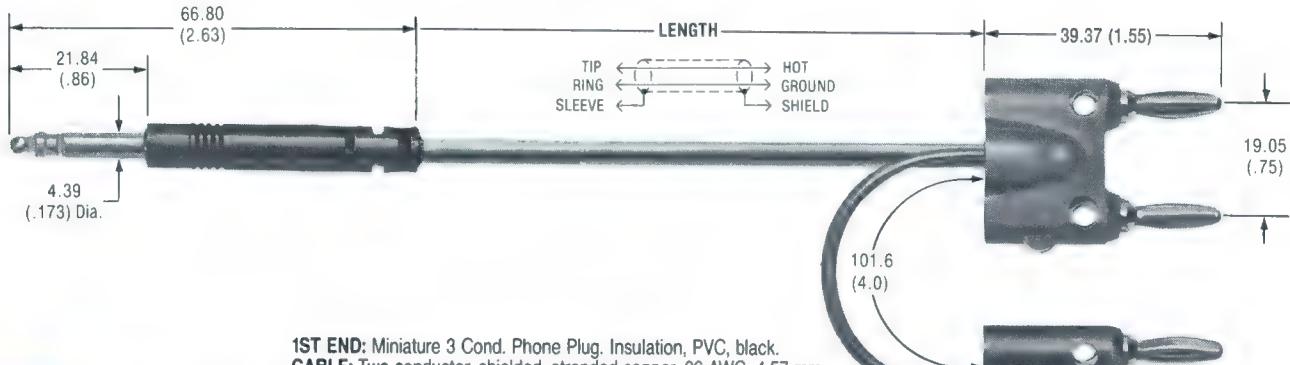
### PJ-051 (WE310) TO DOUBLE PLUG BALANCED LINE



MODEL	Length	LIST
2977-J-36	914.4 (36.0)	36.75
2977-J-48	1219.2 (48.0)	37.35
2977-J-60	1524.0 (60.0)	37.95

**1ST END:** PJ-051 Phone Plug. Brass. Insulation, Phenolic, red.  
**CABLE:** Two conductor shielded microphone, 5.87 mm (.231) O.D.  
**2ND END:** Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.  
**RATING:** 500 V Peak, + 55°C. (+ 131°F.) Max.

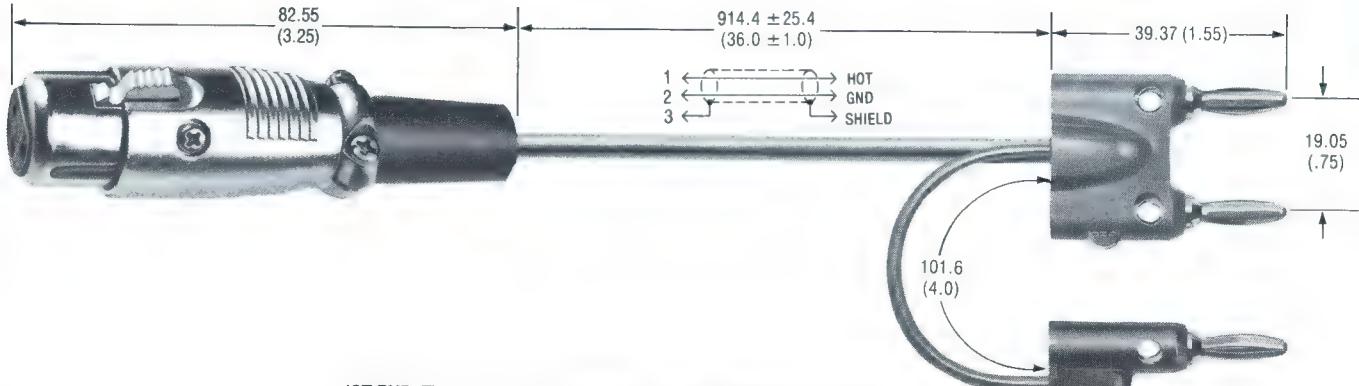
### MINIATURE PHONE PLUG TO DOUBLE PLUG BALANCED LINE



MODEL	Length	LIST
4281-36	914.4 (36.0)	33.95
4281-48	1219.2 (48.0)	34.55
4281-60	1524.0 (60.0)	35.15

**1ST END:** Miniature 3 Cond. Phone Plug. Insulation, PVC, black.  
**CABLE:** Two conductor, shielded, stranded copper, 26 AWG, 4.57 mm (.180) O.D.  
**2ND END:** Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.  
**RATING:** 500 V Peak; + 55°C. (+ 131°F.) Max.

### AUDIO CONNECTOR TO THREE BANANA PLUGS



MODEL
4953-J-36

**1ST END:** Three cond. audio connector. Barrel, stainless steel. Female contacts, silver plated. Metal latching mechanism.  
**CABLE:** Two conductor shielded microphone, 5.87 mm (.231) O.D.  
**2ND CABLE:** Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.  
**RATING:** 133 WVDC, + 55°C. (+ 131°F.) Max.

**LIST 40.40**

# POMONA

## SPECIFICATIONS

### TECHNICAL SPECIFICATIONS CABLE AND WIRE

#### CABLE DESCRIPTION

Cable Designation	RG No.	Description AWG Stranding Material	Jacket	Nom. Imp. Ohms	Nom. Cap. pf/ft.	Oper. Temp. °C	O.D.
A	—	2 conductor, twisted pair, 18 AWG, 65 x 36 tinned copper.	Vinyl	—	30	-20, + 105	6.35 (.250)
B	—	Microphone cable, single conductor	Vinyl	50	30.8	-20, + 80	4.95 (.195)
C	58C/U	20 AWG (.19 x .0071) tinned copper	Black, non-contam. vinyl	50	30.8	-55, + 80	4.95 (.195)
E	59B/U	.023 solid bare copperweld	Black, non-contam. vinyl	75	20.5	-55, + 80	6.15 (.242)
H	188A/U	26 AWG (7 x .0067) silver coated copper covered steel	Teflon	50	29	-70, + 200	2.59 (.102)
J	—	2 conductor shielded microphone cable, 22 AWG, Belden 8422	Vinyl	—	18* 32**		5.87 (.231)
K	174/U	26 AWG (7 x 34) bare copperweld	Black vinyl	50	30.8	-40, + 80	2.54 (.100)
M	62A/U	22 AWG solid bare copperweld	Black, non-contam. vinyl	93	13.5	-55, + 80	6.15 (.242)
S	213/U	13 (7 x 21) bare copper	Black, non-contam. vinyl	50	30.8	-40, + 80	10.29 (.405)
T	214/U	13 (7 x .0296) silver coated copper	Black, non-contam. vinyl	50	30.8	-40, + 80	10.80 (.425)
X	142 B/U	18 AWG solid silver coated copper covered steel	Tinted brown FEP	50	29.0	+ 200° Max.	4.95 (.195)
Y	223/U	19 AWG solid silver coated copperweld	Black, non-contam. vinyl	50	30.8	-55, + 80	5.23 (.206)
BB	316/U	26 AWG (7 x .0067) silver coated copper covered steel	White FEP	50	29.0	+ 200° Max.	2.49 (.098)
CC	—	20 (7 x 28) tinned copper Belden 9272	Blue vinyl	78	19.7	-55, + 80	6.15 (.242)
EE	179B/U	30 AWG (7 x 38) silver coated copper covered steel	Tinted brown FEP	75	19.5	-70, + 200	2.54 (.100)
LL	—	27 AWG (7 x 35) bare copper covered steel Belden 8218	Black vinyl	75	20.5	+ 60	3.81 (.150)
NN	—	22 AWG (19 x 34) tinned copper, Belden 9966	Vinyl	—	49*	+ 105	4.47 (.176)
PP	—	.023 solid copper covered steel	Black vinyl	75	17.3	-20, + 80	6.15 (.242)
RR	—	20 AWG solid bare copper, Belden 8281	Black, polyethylene	75	21	-60, + 80	7.72 (.304)
SS	—	22 AWG (7 X 30) T.C.	Black vinyl	50	40	-40, + 80	4.95 (.195)
	108A/U	20 AWG (7 X 28) T.C.	Vinyl	78	24.5	-40, + 80	5.97 (.235)
		12 AWG (7 X 38/36) Bare copper shield	Vinyl	—	—	+ 60	6.25 (.246)
		20 AWG (19 x 32) T.C., Belden 9961	Vinyl	—	102**	+ 105	2.77 (.109)
		24 AWG (45 x 40) tinned cadmium bronze, Belden 8420	Vinyl	—	22	+ 80	4.70 (.185)
		24 AWG (7 x 32) T.C., Belden 8641	Vinyl	—	22	+ 60	4.27 (.168)

\*Capacitance between conductors. \*\*Capacitance between (1) conductor and remaining conductor connected to shield.

#### WIRE DESCRIPTION

Wire Designation	AWG	Description	O.D.	Jacket	Temperature Range	Color
B	18	65/36 T.C.	3.66 (.144)	P.V.C. 105°C	-20°C to + 105°C	10 Colors
P	20	41/36 T.C.	2.21 (.087)	P.V.C. 105°C	-20°C to + 105°C	10 Colors
PTO	22	26/36 T.C.	1.63 (.064)	P.V.C. 105°C	-20°C to + 105°C	10 Colors
	12	7 x 38/36 T.C.	3.66 (.144)	P.V.C. 105°C	+ 60°C	Black, Red, Green
	18	16/30 T.C.	3.61 (.142)	Silicon Rubber	+ 150°C	White

# POMONA

## Test Lead Kits and Accessories: For Digital Multimeters

You Can Buy Test Leads Anywhere, But Nothing Beats Pomona For Quality, Versatility, and Long-lasting Performance



### RE-USEABLE KIT CASE AND POUCH

Each ITT Pomona Test Lead Kit comes in either a sturdy, molded plastic case or in a Velcro\*-sealed nylon pouch to keep kit contents intact, while providing a reusable container suited for pocket or toolbox.

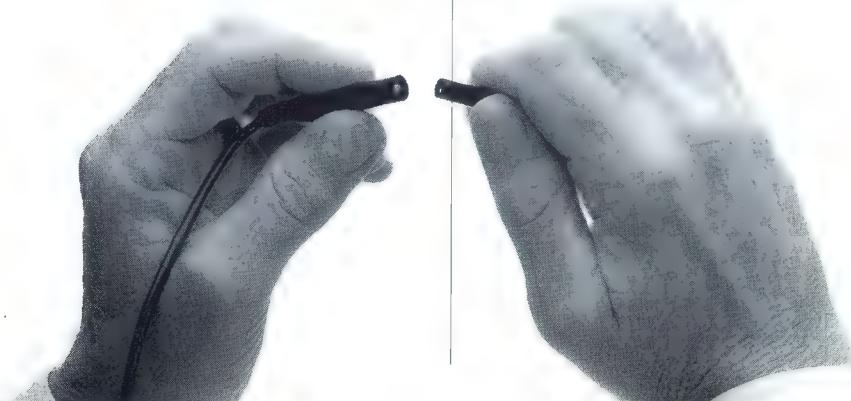
\*Velcro is a Registered Trademark of Velcro USA, Int'l.

Built on a tradition of quality and trusted, day-in-day out use, Pomona Electronics provides industry's most complete family of test leads and accessories, now available in a selection of versatile kits. Each kit is packed with the right items to meet your specific testing requirements. Examine the many exclusive features to make your job easier, assure accurate readings, and extend the life of these vital links between the product under test and your digital multimeter.

### SILICONE INSULATION

More pliable, easier to handle than conventional PVC insulation. Virtually impervious to accidentally burned or melted insulation, typically a problem when a hot soldering iron may inadvertently touch the test lead.

Silicone insulation is a special quality feature on 7 kits. You can order any of these kits or any individual product shown from the Pomona Electronics Catalog.



### INTERCHANGEABLE PROBES & CLIPS THAT STAY TOGETHER

5 kits feature a sleeved banana "Pop-Jack" connector on the end of the silicone-insulated wire to accommodate a wide variety of probes and clips. It goes together smoothly yet stays together. There's no keyway or threading, just a great design that keeps things from coming undone. 7 different interchangeable probes and clips connect to the test leads. Think about it like a "Chinese finger puzzle." In Pomona's MAXI-KIT (Kit No. 5677) for example, 12 Pop-Jack probes and clips are provided for maximum testing versatility and dependability.



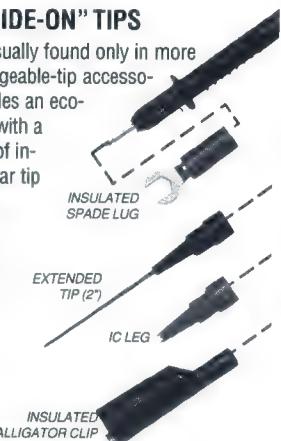
### FIELD REPAIRABLE

By simply unscrewing the threaded cap on the probe handle, broken or intermittent test leads can be easily repaired in the field in just a few minutes. Each probe tip is designed for easy repair at lead interface while assuring electrical signal integrity when correctly repaired.



### LOW-COST "SLIDE-ON" TIPS

Adding versatility usually found only in more expensive interchangeable-tip accessories, Pomona provides an economical alternative with a complete selection of industry's most popular tip styles in a practical, "slide-on" design. Simply select the tip desired and slide it right over the standard probe tip. Slide-on tips are provided in 7 different Test Lead Kits.



### REPLACEABLE PROBE TIP SELECTON

2 kits include a chuck-nut probe head that accepts any of four different tips for various applications. The Dog-Leg Microtip is for probing high density SMT board circuitry. Its flexible design lets the probe tip stay put even with slight handle movement. The Shouldered Microtip provides a very small needle point, ideal for piercing insulation while leaving only the smallest hole. A stainless steel Needle Tip is for those preferring very sharp tips. The tip stays sharp longer for dependable accuracy. The Notched Brass Tip provides a standard-style softer tip for low resistance contact.



### EXTENDABLE TIPS

By simply loosening the threaded probe handle nut, a stainless steel, Kynar\* insulated tip extends from within the probe handle to a fully extended length of 3" (76.20mm). Makes easy, accurate contact of test points in high-density or otherwise inaccessible locations. An extendable probe is featured in the Maxi-Kit (5677) and Kit 5671.

\*Kynar is a Registered Trademark of Pennwalt Corp.

SEE NEW TEST LEAD KITS- PGS 124-126

# POMONA

## TEST LEAD KITS

### Standard Replacement Test Leads



Kit contains 2 Test Probe Leads (**Models 5433, 5434, 5435, or 5436**), one black and one red. Kit supplied in a reusable plastic case.

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<b>Model 5516</b> (Group A) . . . . .	LIST 11.20 Kit
<b>Model 5517</b> (Group B) . . . . .	LIST 11.20 Kit
<b>Model 5518</b> (Group C) . . . . .	LIST 11.20 Kit
<b>Model 5519</b> (Group D) . . . . .	LIST 11.20 Kit

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### Replaceable Tip Probe to Stacking Banana Plug Pair



Contains 2 Test Probe Leads (**Model 4851-48**), one black and one red. Pair is supplied in a reusable plastic pouch.

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<b>Model 5309</b> . . . . .	LIST 9.50 Pair
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### Field Repairable Test Lead Kit



Kit contains 2 pcs. each 18 AWG Silicone Test Probe Leads (**Model 5680-48**), one black and one red. Tips can be removed from probe handle. Wire is soldered to tips for repairability. Kit supplied in a reusable plastic case.

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<b>Model 5670</b> . . . . .	LIST 14.20 Kit
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### Replaceable Tip Probe Kit



Kit contains 2 pcs. each: Replaceable Tip Test Probe Leads on Silicone Wire (**Model 5687-48**), one black and one red. Kit also contains 2 each: Dog Leg Micro Tips (**Model 5133**), 2.03 (.080) Needle Tips (**Model 4174**), Shouldered Micro Tips (**Model 4988**) and 4 ea. Standard Brass Tips (**Model 5688**). Kit supplied in a reusable plastic case.

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<b>Model 5676</b> . . . . .	LIST 22.90 Kit
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### Replaceable Tip Lead to Stacking Banana Plug Kit



Kit contains 2 pcs. each: Test Probe Leads (**Model 4851-48**), and Alligator Clips (**Model 1437**), one black and one red. It also includes 2 pcs.: Dog Leg Micro Tips (**Model 5133**). Kit supplied in a reusable plastic pouch.



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<b>Model 5325-48</b> . . . . .	LIST 17.00 Kit
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### Pen Meter Test Lead Kit



Kit contains 1 each Test Probe Lead on 18 AWG PVC Wire (**Model 5436-48-0**), and Alligator Clip (**Model 1437-0**). Kit supplied with 2 Batteries (LR44) in a reusable plastic pouch.

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<b>Model 5679</b> . . . . .	LIST 8.60 Kit
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# POMONA

## TEST LEAD KITS

### Extendable Tip Test Lead Kit



Kit contains 1 each: Insulated Stainless Steel Extendable Test Probe Lead (**Model 5681-2**), Alligator Clip (**Model 5544-0**) and Pop Jack Silicone Lead (**Model 5547-48-0**). Kit supplied in a reusable plastic case.

**Model 5671** ..... LIST 21.40 Kit

### Low Cost Test Lead Kit for Electronics



Kit contains 2 pcs. each Test Probe Leads on 18 AWG PVC Wire (**Model 5683-48**), one black and one red. Banana Plugs on meter end have no sleeve. Kit also contains 2 each: Slide-on Extended Tips (**Model 5682**) and Alligator Clips (**Model 1437**), one black and one red. Kit supplied in a reusable plastic case.

**Model 5672** ..... LIST 19.90 Kit

### Medium-Duty Kit for Electrical Work



Kit contains 2 each: Test Probe Leads on 18 AWG Wire (**Model 5436-48**), Alligator Clip (**Model 1437**), one black and one red. Kit also contains 2 Spade Lugs (**Model 4769**), and is supplied in a reusable plastic case.

**Model 5675** ..... LIST 18.30 Kit

### Multi-Use Kit for Electronics



Kit contains 2 each: Probe Handles (**Model 5548**), Pop Jack Silicone Leads (**Models 5595, 5596, 5597 or 5547**), one black and one red. Kit also includes 1 each: Alligator Clip (**Model 5544-0**), Spade Lug (**Model 5546**), Minigrabber Lead (**Model 5545-10-0**), and Extended Slide-on Tip (**Model 5682**). Kit is supplied in a reusable nylon pouch.

**Model 5592** (Group A) ..... LIST 34.90 Kit

**Model 5593** (Group B) ..... LIST 34.90 Kit

**Model 5594** (Group C) ..... LIST 34.90 Kit

**Model 5543** (Group D) ..... LIST 34.90 Kit

These test leads were designed specifically as replacements for lost or damaged multi-meter leads. Sheathed banana plugs or jacks fit most multimeters made by Amprobe, B&K, Beckman, Fluke, Simpson and Triplett. (See tab block for specific models.)

Meter Group	FIT THESE INSTRUMENTS
A	<b>Beckman Model Nos.:</b> 3000, 3010, 3010UL, 3020, 3020B, 3030, Tech 300, Tech 310, Tech 310UL, Tech 320B, Tech 330 (shipped before August 1, 1983; Serial Numbers: 0XXXXXXX, 1XXXXXXX, 2XXXXXXX, 8XXXXXXX, 9XXXXXXX and 301XXXXX thru 307XXXX). <b>Most Amprobe Models</b>
B	<b>Simpson Model Nos.:</b> 260 series 7, 270-5, 360-3, 460-5, 461, 461-2, 461-2R, 462, 463, 464-3, 467, 467E, 467dB, 470 and 474.
C	<b>Triplett Model Nos.:</b> 60 Type 2, 60-A, 60AC, 60NA Type 2, 64, 630 Type 4 and 630A Type 4.
D	<b>Beckman Model Nos.:</b> 3000, 3010, 3020, 3020B, 3030, Tech 300, Tech 310, Tech 320B, Tech 330 (shipped after August 1, 1983; Serial Numbers 308XXXXX thru 312XXXX, 4XXXXXXX and 5XXXXXXX) 310B, 310T, 320, 350, 360, 4410, HD100, HD110, HD110T, HD130, HD140, DM40, DM45 and DM50. <b>Fluke Model Nos.:</b> 8025A, 25, 27, 73, 75, 77, 8020B, 8021B, 8022B, 8024B, 8026B, 8050A, 8060A, 8062A and 8840A. <b>Most B&amp;K Models</b>

# POMONA

## TEST LEAD KITS

### Heavy Duty Kit for Electrical Work

Kit contains 2 each: Probe Handles (**Model 5548**), Alligator Clips (**Model 5544**), Large Test Clips (**Model 5685**), Slide-on Extended Tips (**Model 5682**), Pop Jack Leads, (**Model 5547**), & Couplers (**Model 5635**), one black and one red. Kit also includes 2 Spade Lugs (**Model 5546**) and a nylon pouch.

**Model 5673** ..... LIST 39.90 Kit

### Deluxe Kit for Electronics

Kit contains 2 each: Probe Handles (**Model 5548**), Alligator Clips (**Model 5544**), Minigrabber Leads (**Model 5545-10**), Minipincer Leads (**Model 5686**), Slide-on IC Tips (**Model 5246**), Slide-on Extended Tips (**Model 5682**) and Pop Jack Leads, (**Model 5547**), one black and one red. Kit also includes 2 Spade Lugs (**Model 5546**) and a nylon pouch.

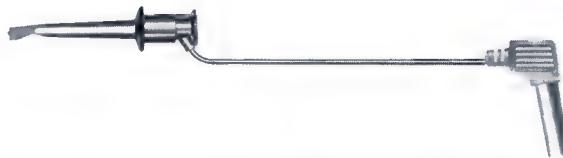
**Model 5674** ..... LIST 59.90 Kit

### Maxi-Kit

Kit contains 2 each: Extendable Tip Probe Leads (**Model 5681**), Replaceable Tip Probe Handles (**Model 5689**), Pop Jack Leads (**Model 5547**), Couplers (**Model 5635**), Alligator Clips (**Model 5544**), Large Test Clips (**Model 5685**), Minigrabber Leads (**Model 5545-10**), Minipincer Leads (**Model 5686**), and Slide-on IC Tips (**Model 5246**), one black and one red. Kit also includes 2 Spade Lugs (**Model 5546**), Dog Leg Micro Tips (**Model 5133**), NeedleTips (**Model 4174**), Shouldered Micro Tips (**Model 4988**) and 4 Each: Standard Brass Tips (**Model 5688**). Kit is supplied in a nylon pouch.

**Model 5677** ..... LIST 79.90 Kit

### Minigrabber® Test Lead



**1ST END:** Minigrabber Test Clip. Contact, beryllium copper, gold plated. Insulation: glass filled nylon.

**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

**Model 5425-48-\***(Group A) ..... LIST 27.50

**Model 5426-48-\***(Group B) ..... LIST 27.50

**Model 5427-48-\***(Group C) ..... LIST 27.50

**Model 5428-48-\***(Group D) ..... LIST 27.50

**2ND END: Models 5426 & 5427:** Sheathed Banana Jack. Brass, nickel plated. Insulation: flexible PVC. **Models 5425 & 5428:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation: flexible PVC. Tip polypropylene, orange.

**RATING:** 1500 V AC/DC Max.; 7 Amps; +50°C, (+122°F.) Max.

\*STD COLORS: -0 Black, -2 Red.

### Shielded Test Lead



A Shielded test probe with the shield extending to within 38.10 (1.50) of the probe tip.

Kit contains 1 each: Test Probe Assembly , Minigrabber w/6-32 Thread (**Model 4011**), Minigator w/6-32 Thread (**Model 4517**), and Dog Leg Micro Tip (**Model 5133**).

**Model 5292-48** ..... LIST 26.00 Kit

**Test Probe:** Removable stainless steel tip. Insulation, nylon.

**6-32 Stud on 20 AWG Wire:** Brass, nickel plated.

**Cable:** Shielded coax., RG 174/U, 2.54 (.100) O.D. Molded Breakout: PVC, black.

**BNC Male:** Brass body, tarnish plated. Center contact, brass, gold plated.

**Boot:** PVC, black. Nominal Impedance: 50 Ohms.

**Rating:** Operating Voltage; 500 VRMS Max., +50°C. (+122°F.) Max.

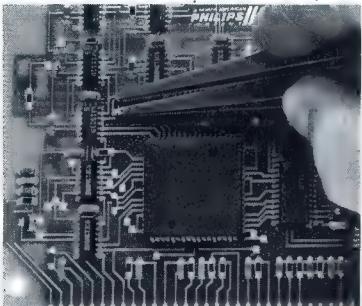
# POMONA

## SMD PRODUCTS

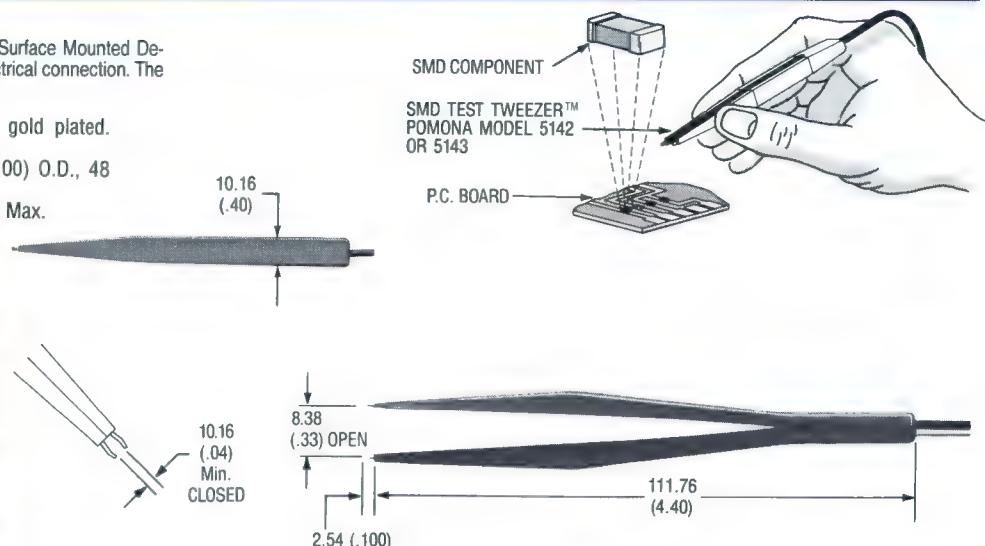
### SMD TEST TWEEZER™ LEADS

The tweezer clip is specially designed for testing Surface Mounted Devices (SMD). The durable tips assure a positive electrical connection. The tweezer gives rapid and convenient testing.

**SMD Test Tweezer:** Tips, beryllium copper, gold plated. Insulation; glass filled nylon, black and red. Cable: Shielded coaxial, RG 174/U, 2.54 (.100) O.D., 48 inches long. Rating: 400 VRMS; 3 Amps; +50°C. (+122°F.) Max.



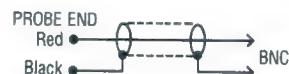
APPLICATION PHOTO



### SMD Test Tweezer™ Leads to BNC Male

**BNC Male:** Brass body, tarnish resistant plated. Center contact, brass, gold plated. Boot; PVC, black.

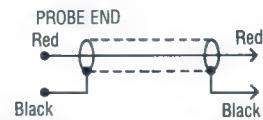
**Model 5142-K-48** ..... LIST 17.60 Ea.



### SMD Test Tweezer™ Leads to Single Stacking Banana Plugs

**Stacking Banana Plugs:** Brass body, beryllium copper spring, nickel plated. Insulation; flexible PVC.

**Model 5143-K-48** ..... LIST 17.60 Ea.



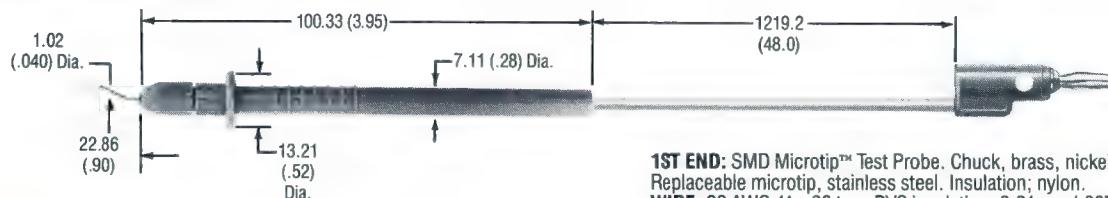
### SMD Test Tweezer™ Leads to Sleeved Banana Plugs

**Sleeved Banana Plug:** Brass body, beryllium copper spring, nickel plated. Insulation; flexible PVC.

**Model 5678-K-48** ..... LIST 13.00 Ea.



### SMD MICROTIP™ TEST PROBE



**1ST END:** SMD Microtip™ Test Probe. Chuck, brass, nickel plated. Replaceable microtip, stainless steel. Insulation; nylon.  
**WIRE:** 20 AWG 41×36 t.c., PVC insulation, 2.21mm (.087) O.D.  
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**RATING:** 1200V AC/DC; 5 Amps; +55°C. (+131°F.) Max.  
**\*STD COLORS:** -0 Black, -2 Red.

MODEL	Length
5144-48-*	1219.2 (48.0)

The microtip is specially designed to probe SMD contacts. It features a stainless steel needle point tip that is flexible to help prevent damage to the SMD lands. The microtip is curved to aid in probing of hard to reach areas.

NET 8.20

# POMONA

## TEST LEAD ACCESSORIES

### TEST PROBE WITH POP JACK

This Probe mates with Pomona Pop Jack accessories. Pop Jack design insures the test tips and leads remain connected during use.

**Rating:** 1500 V AC/DC; 10 Amps; Insulation Resistance: 5000 MegOhms.

\***STD COLORS:** -0 Black, -2 Red.



**Model 5548-**\* ..... LIST 3.95 Ea.

### Solid Tip Test Probe

**Solid Tip Probe:** Needle tip, brass, nickel plated. Insulation; nylon.



**Model 5689-**\* ..... LIST 5.95 Ea.

### Repairable Tip Test Probe

**Repairable Tip Probe:** Needle tip, stainless steel. Insulation; nylon.

### POP JACK ACCESSORIES

#### Pop Jack to Multimeter Plug

**Wire:** Silicone insulated, 48 inches long

\***STD COLORS:** -0 Black, -2 Red.



**Model 5595-48-**\* (Group A)  
**Model 5596-48-**\* (Group B)  
**Model 5597-48-**\* (Group C)  
**Model 5547-48-**\* (Group D)

LIST 5.25 Ea.

#### Spade Lug



**Model 5546** ..... LIST .95 Ea.

#### Minigrabber® Test Clip to Pop Jack

**Wire:** Silicone insulated, 10 inches long.

\***STD COLORS:** -0 Black, -2 Red.



**Model 5545-10-**\* ..... LIST 4.95 Ea.

#### Minipincer™ Test Clip to Pop Jack

**Wire:** Silicone insulated, 10 inches long.

\***STD COLORS:** -0 Black, -2 Red.



**Model 5686-10-**\* ..... LIST 6.70 Ea.

#### Large Test Clip

\***STD COLORS:**  
 -0 Black, -2 Red.



**Model 5685-**\* ..... LIST 2.70 Ea.

#### Pop Jack Coupler (Male to Male)

\***STD COLORS:**  
 -0 Black, -2 Red.



**Model 5635-**\* ..... LIST .90 Ea.

#### Alligator Clip

\***STD COLORS:**  
 -0 Black, -2 Red.



**Model 5544-**\* ..... LIST 2.45 Ea.

### SLIDE-ON TIPS

#### Flexible Pin Tip Probe

This flexible tip easily attaches to the end of the Pomona line of test probes, allowing access of hard-to-reach areas. Model 4906 threads onto Models 4948 & 5075 after removing chuck & tip. Model 4908 inserts directly onto 2.03 (.080) dia. tip of probe.

**INSULATION:** PVC.

**TIP:** Brass, gold plated.

**RATING:** 3000 WVDC; 5 Amps; +50°C. (+122°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.



**Model 4906-**\* ..... LIST 2.60 Ea.  
**Model 4908-**\* ..... LIST 2.85 Ea.

#### IC Test Tip Adapter

Miniature IC Test Tip fits directly over the test probe tip. The small size and recessed contact allow the IC Adapter to probe one leg of a DIP without shorting an adjacent leg. Plastic projections on either side of the contact tip slice between the DIP legs to hold adapter in place and prevent slipping.

**INSULATION:** Nylon.

**TIP:** Stainless steel.

**RATING:** +80°C. (+176°F.) Max.

\***STD COLORS:** -0 Black, -2 Red, -5 Green.



**Model 5246-**\* ..... LIST 2.90 Ea.



**Model 5682-**\* ..... LIST 3.50 Ea.

#### Extended Tip

Extended Tip fits directly over the test probe tip, allowing testing of hard-to-reach points. Tip is insulated to the point, providing protection from accidental shorting of adjacent components.

**INSULATION:** Nylon.

**TIP:** Stainless steel, Kynar insulation.

**RATING:** +50°C. (+226°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

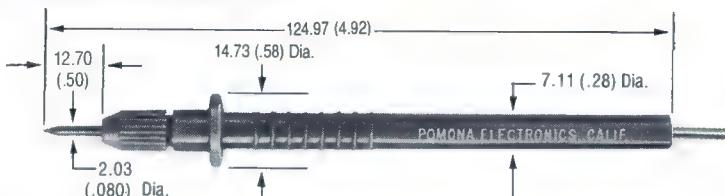


# POMONA

## REPLACEABLE TIP TEST LEADS

These slim miniature test probes feature a sharp replaceable needle tip. The tip easily pierces varnish or plating to give a good electrical reading.

### PROBE WITH REPLACEABLE TIP



#### To Stacking Banana Plug



**Model 4851-48\*** ..... LIST 6.80 Ea.

#### To Banana Plug



**Model 4410-48\*** ..... LIST 7.10 Ea.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; nylon.  
**Operating Temp.:** +55°C. (+131°F.) Max.

#### To Banana Jack



**Model 4852-48\*** ..... LIST 7.80 Ea.

**Banana Jack:** Body, brass, nickel plated. Insulation, polypropylene. +55°C. (+131°F.) Max.

#### To Sheathed Banana Plug



**Model 5048-48\*** ..... LIST 9.45 Ea.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; nylon. +80°C. (+176°F.) Max.

#### To Multimeter PLug

**Wire:** Silicone insulated, 48 inches long.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.

**Operating Temp.:** +50°C. (+122°F.) Max.

OPTIONAL ACCESSORIES: Alligator Clip, Model 1437 (page 40), IC Test Tip Adapter, Model 5246 (page 128).

**Test Probe:** Chuck, brass, nickel plated. Replaceable needle tip; stainless steel. Insulation; nylon.

**Wire:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D., 48 inches long.

**Rating:** 1200 V AC/DC; 5 Amps.

\***STD COLORS:** -0 Black, -2 Red.

#### To In-Line Banana Plug



**Model 5386-48\*** ..... LIST 7.20 Ea.

#### To Right Angle Banana PLug



**Model 4800-48\*** ..... LIST 7.75 Ea.

#### To Miniature Banana PLug



**Model 4847-48\*** ..... LIST 7.75 Ea.

**Miniature Banana Plug:** Body, brass, beryllium copper spring, gold plated. Insulation, polypropylene. +55°C. (+131°F.) Max.

#### To Stacking Pin Tip Plug



**Model 4848-48\*** ..... LIST 7.80 Ea.

**Pin Tip Plug:** Body, brass, beryllium copper pin jack spring, gold plated. Insulation; polypropylene. +55 °C. (+131°F.) Max.



**Model 5687-48\*** ..... LIST 9.00 Ea.

### REPLACEMENT TIPS

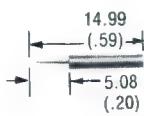
Fit all Pomona probes with replaceable tips. Sharp, stainless steel point to pierce varnish, conformal coatings for good contact. Ten per package.

#### Dog Leg Micro Tip



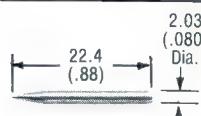
**Model 5133** ..... LIST 10.60 Pkg.

#### Shouldered Micro Tip



**Model 4988** ..... LIST 12.10 Pkg.

#### Needle Tip



**Model 4174** ..... LIST 3.85 Pkg.

#### Standard Brass Tip (Brass)

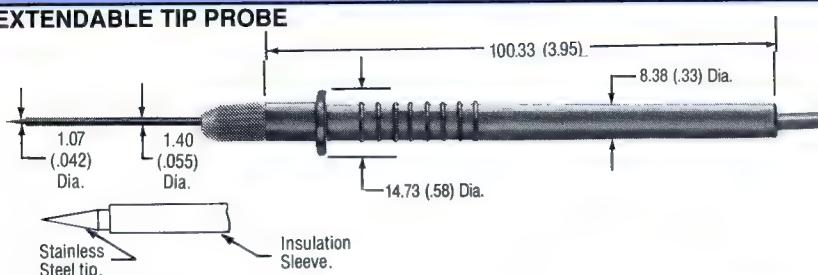


**Model 5688** ..... LIST 7.00 Pkg.

# POMONA

## TEST PROBES

### EXTENDABLE TIP PROBE



#### To Stacking Banana Plug



**Model 5044-48\*** ..... LIST 9.65 Ea.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; polypropylene.  
**Operating Temp.:** +55°C. (+131°F.) Max.

#### To Pin Tip Plug



**Model 5272-48\*** ..... LIST 15.95 Ea.

**Pin Tip Plug:** Body, brass, nickel plated. Insulation; polypropylene.  
**Operating Temp.:** +55°C. (+131°F.) Max.

### SOLID TIP PROBE



#### To Multimeter Plug



**Model 5433-48\*(Group A)** ..... LIST 6.00 Ea.  
**Model 5434-48\*(Group B)** ..... LIST 6.00 Ea.  
**Model 5435-48\*(Group C)** ..... LIST 6.00 Ea.  
**Model 5436-48\*(Group D)** ..... LIST 6.00 Ea.  
**Model 5680-48\*(Group D)** ..... LIST 7.50 Ea.

**Model 5680** is Field Repairable and has Silicone insulated wire.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.

### DO-IT-YOURSELF MINIATURE TEST PROBE

Install this miniature probe on the end of any test lead having a maximum O.D. of 2.92 (.115) dia. and wire gauge of 22 to 18 AWG. Simply remove chuck and tip. Strip wire 3.18 (.125) and feed through test probe body. Solder or crimp to small end of tip. Insert tip into test probe and tighten chuck nut.

**Material:** Brass.

**Finish:** Nickel plated.

**Insulation:** Nylon.

**Rating:** 1500 V AC/DC; 10 Amps; +80°C. (+176°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

**Model 5432\*** ..... LIST 2.45 Ea.

Now you can test those hard-to-reach test points with this miniature extendable test probe. The steel tip is very sharp, allowing penetration of contaminants or conformal coatings. Tip is insulated to the point, providing protection from accidental shorting to adjacent components.

**Extendable Tip Probe:** Collet; brass. Insulation; nylon. Tip; stainless steel. Tip insulation; Kynar. **Wire:** 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 (.144) O.D., 48 inches long. Except Model 5681, silicone insulated.

**Rating:** 1500 V AC/DC; 3 Amps Max.

**\*STD COLORS:** -0 Black, -2 Red.

#### To Sheathed Banana Plug

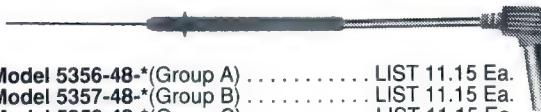


**Model 5271-\*** ..... LIST 17.10 Ea.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; nylon.

**Operating Temp.:** +80°C. (+176°F.) Max.

#### To Multimeter Plug



**Model 5356-48-(Group A)** ..... LIST 11.15 Ea.

**Model 5357-48-(Group B)** ..... LIST 11.15 Ea.

**Model 5358-48-(Group C)** ..... LIST 11.15 Ea.

**Model 5359-48-(Group D)** ..... LIST 11.15 Ea.

**Model 5681-48-(Group D)** ..... LIST 12.00 Ea.

**Model 5681** Silicone insulated wire.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.

**Operating Temp.:** +50°C. (+122°F.) Max.

**Solid Tip Probe:** Needle tip, brass, nickel plated. Insulation; nylon.

**Wire:** 18 AWG; PVC, 3.66 (.144) O.D., 48 inches, except Model 5680, silicone insulated.

**Rating:** 1500 V AC/DC; 10 Amps; +50°C. (+122°C.) Max.

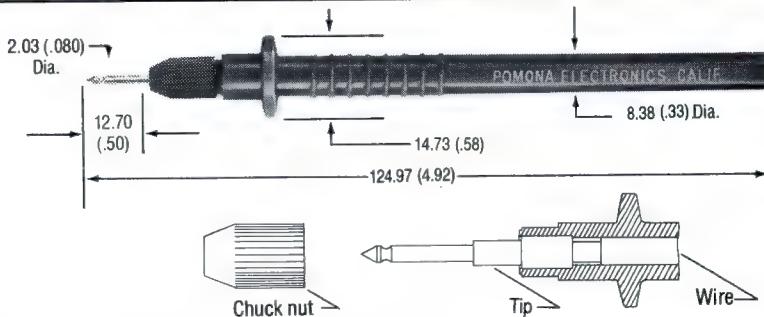
**\*STD COLORS:** -0 Black, -2 Red.

#### To Right Angle Banana Plug



**Model 5683-48\*** ..... LIST 4.20 Ea.

**Banana Plug:** Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.



# POMONA

## LARGE SIZE TEST PROBES

### LARGE TEST PROBE



**Large Test Probe:** Brass, nickel plated. Insulation; nylon.

### Large Test Probe to Banana Plug

**Wire:** 18 AWG, 65 X 36 t.c., 3.66 (.144) O.D., 36 or 48 inches long.

**Banana Plug:** Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.

**Rating:** 3000 WVDC Max.; 7 Amps; +55°C. (+131°F.) Max.

**\*STD COLORS:** -0 Black, -2 Red.

**Model 4853-36-\*** ..... LIST 8.00 Ea.  
**Model 4853-48-\*** ..... LIST 8.00 Ea.



### Large Test Probe Kit

Kit contains 2 pcs. Large Test Probe Lead (**Model 4853-48**), one black and one red.



**Model 5311-48** ..... LIST 13.50 Kit

### Shielded Test Probe to Double Banana Plug

A shielded test probe with the shield extending to within 38.10 (1.50) of the probe tip end. Insulated minigator clip connected to shield lead.

**Lead Wire:** 20 AWG, 41 X 36, PVC insulated, 2.21 (.087) O.D. Minigator, steel, cadmium plated. Insulation, vinyl, black.

**Cable:** Shielded coaxial, RG 58C/U, 4.95 (.195) O.D.

**Double Banana Plug:** Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.

**Rating:** 1400 VRMS; +50°C. (+122°C.) Max.



**Model 4858-C-48-\*** ..... LIST 19.50 Ea.

### Shielded Test Probe to BNC Male

**Lead Wire:** 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D., Minigator, steel, cadmium plated. Insulation; vinyl, black.

**Cable:** Shielded coaxial, RG 58C/U, 4.95 (.195) O.D.

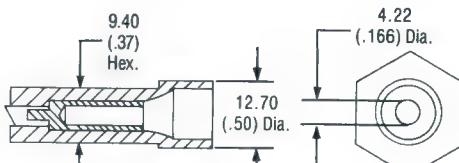
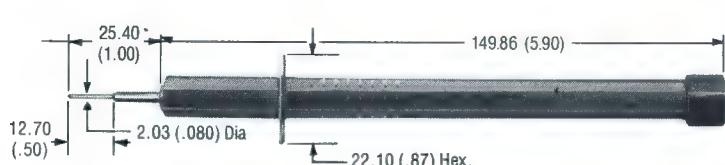
**BNC Male:** Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

**Rating:** Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



**Model 4857-C-48-\*** ..... LIST 19.50 Ea.

### LARGE TEST PROBE TO BANANA JACK



Banana jack in handle is sheathed to help prevent accidental shorting due to partial insertion. Allows the use of standard banana plug test leads. Finger guard molded to probe helps prevent fingers from slipping.

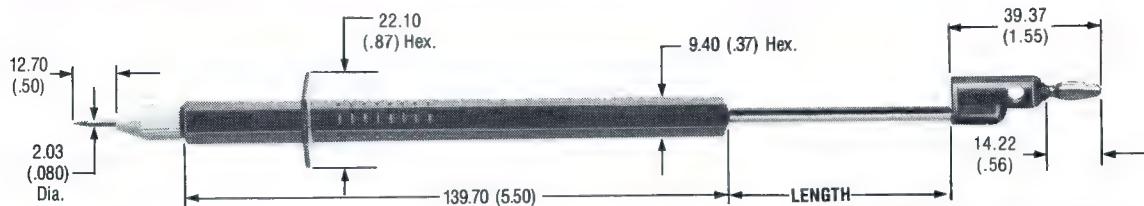
**Model 5072-\*** ..... LIST 5.45 Ea.

**1ST END:** Probe Tip. Brass, nickel plated. Insulation; nylon.  
**2ND END:** Banana Jack. Brass, nickel plated.  
**RATING:** 3000 VDC Max., 10 Amps; +80°C. (+176°F.) Max.  
**\*STD. COLORS:** -0 Black, -2 Red.

# POMONA

## LARGE SIZE TEST PROBES

### LARGE TEST PROBE TO STACKING BANANA PLUG



MODEL	Length	LIST
4948-36-*	914.4(36.0)	8.35
4948-48-*	1219.2(48.0)	8.55

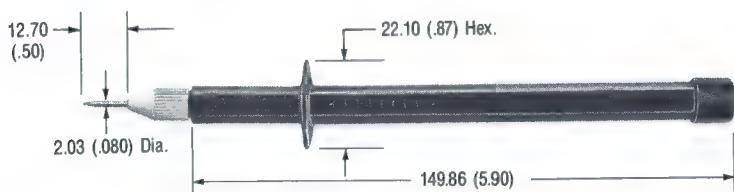
**1ST END:** Large Test Probe. Body, brass, nickel plated. Replaceable needle tip, stainless steel. Insulation; nylon.  
**WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated. 3.66 mm (.144) O.D.  
**2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.

**RATING:** 3000 VDC Max.; 7 Amps; +55°C. (+131°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

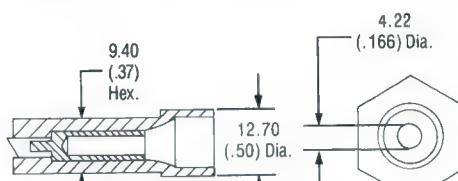
**OPTIONAL ACCESSORIES:** Flexible Pin Tip Probe, model 4906 & IC Test Tip Adapter, model 5246 (page 128).

### LARGE TEST PROBE (NEEDLE TIP) TO BANANA JACK



Sharp replaceable needle tip allows testing of encapsulated circuits. Banana jack in handle is sheathed to help prevent accidental shorting due to partial insertion. Finger guard molded to probe helps prevent fingers from slipping onto tip.

**NOTE:** This model supersedes Models 1705, 4545 and 4854.



**1ST END:** Large Test Probe. Brass, nickel plated. Replaceable needle tip, stainless steel. Insulation; nylon.

**2ND END:** Banana Jack. Brass, nickel plated.

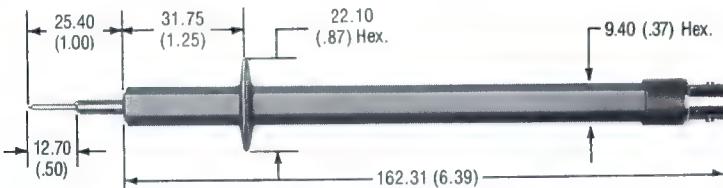
**RATING:** 3000 VDC Max.; 7 Amps; +80°C. (+176°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

**OPTIONAL ACCESSORIES:** Flexible Pin Tip Probe, model 4906 & IC Test Tip Adapter, model 5246 (page 128).

**LIST 5.65**

### LARGE TEST PROBE TO BNC FEMALE



Center contact of BNC female in handle connected to tip. Shield extends to within 38.10 mm (1.50) of the probe tip end.

**1ST END:** Probe Tip. Brass, nickel plated. Insulation; nylon.

**2ND END:** BNC female. Brass body, tarnish resistant plated. Center

contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms.

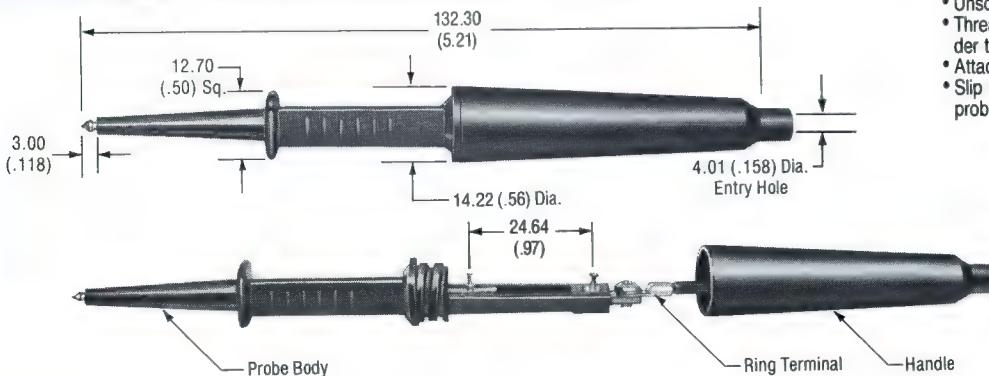
**RATING:** Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

**NOTE:** This model supersedes Models 1748 and 4548.

\***STD COLORS:** -0 Black, -2 Red.

**LIST 10.00**

### DO-IT-YOURSELF COMPONENT MOUNTING TEST PROBE



This do-it-yourself component mounting test probe enables the user to create his own compensated probe. Discrete components, such as resistors, capacitors, filters, etc., can be soldered between the two solder turrets. The probe features a square shaped finger grip with molded finger guard and threaded handle.

**MATERIAL:** Test probe tip and solder lugs, brass.

**FINISH:** Test probe tip, nickel plated. Solder lugs, silver plated.

**INSULATION:** Nylon.

#### SIMPLIFIED COMPONENT INSTALLATION

- Unscrew handle from probe body.
- Thread wire through hole in handle and crimp or solder to ring terminal.
- Attach and solder component to turret terminals.
- Slip handle over component and thread handle to probe assembly.

**RATING:** 1200 V AC/DC Max.; +80°C. (+176°F.) Max.

\***STD COLORS:** -0 Black, -2 Red.

**LIST 5.75**

MODEL
4971-*

# POMONA

## OSCILLOSCOPE PROBE KITS

### 100 MHz Monolithic Oscilloscope Probes

These probes are the least expensive quality probes.

#### FEATURES:

- Use with any Scope up to 100 MHz
- X1,X10 attenuation and switchable X1, X10
- Least expensive
- Strong measuring tips resist breakage
- Ultra flexible cable for handling ease
- Soft strain reliefs prolong cable life



MODEL	Attn	Cable Length	Input Impedance R      C	BW	Max Input V	Compensation Range	LIST
5621	x10	1.5	1 MegOhm      47 pF	20 MHz	600 V		29.00
5622	x10	1.5	10 MegOhms      9.5 pF	100 MHz	600 V	10-60pF	38.00
4550	x1 - x10 Switchable	1.5 (4.92 ft)	x1 - x10 1      10      * 17.5	x1 - x10 10      100	600 V	10-60pF	43.00
5705	x10	2.0	10 MegOhms      13pF	100 MHz	600 V	10-60 pF	38.00
5706	x1 - x10 Switchable	2.0 (6.56 ft)	x1 - x10 1      10      * 17.5	x1 - x10 10      100	600V	10-60 pF	49.00

\*Same as Scope

Contact factory to order replacement parts.

### 150 MHz Monolithic Oscilloscope Probes

These probes provide superior performance in an economical probe. Circuitry gives faster risetime and sharp pulse response. Model 5703 has self cleaning contacts on switch for greater reliability.

#### FEATURES:

- Use with any Scope
- X1,X10 attenuation and switchable X1, X10
- Bandwidth exceeds 150 MHz
- Risetime less than 1.5 nanosec.
- 30 - 50% lower cost
- Protected against noise pickup & moisture
- Strong measuring tips resist breakage
- Ultra flexible cable for handling ease
- Soft strain reliefs prolong cable life



MODEL	Attn	Cable Length	R      C	BW	Risetime	Max Input V	Compensation Range	LIST
5702	x1	1.2	1 MegOhm      70 pF	35 MHz	10 nsc	600 V		31.00
5703	x10	1.2	10 MegOhm      12 pF	>150 MHz	<1.5 ns	600 V	10-40pF	42.00
5704	x1-x10 Switchable	1.2 (4.92 ft)	x1-x10 1      10      * 11.5	x1-x10 15 >150	x1-x10 10 <1.5 ns	600 V	10-40pF	49.00

\*Same as Scope

Contact factory to order replacement parts.

# POMONA

## OSCILLOSCOPE PROBE KITS

### 250 MHz Monolithic Oscilloscope Probes

The small size of these Probes is useful in Engineering and Service applications. The replaceable Gold Tips allow the user to insert heavy duty tip for production or use .76 (.030) dia. Tip for dense circuitry applications. The miniature size is ideal for connecting several Probes to Pomona's DIP Clip and SMD Test Adapters.



#### FEATURES:

- Gold plated interchangeable Tips .76 (.030) & 1.40 (.055) dia.
- Use with any Scope
- X1,X10 attenuation and switchable X1, X10
- Bandwidth to 250 MHz
- Low capacitance
- Ideal for SMD work

MODEL	Attn	Cable Length	Input Impedance		BW -3dB	Max Input V	Compensation Range	LIST
5618	x1-x10	1.5	1 MegOhm	60 pF	250 MHz	1x 100 V	10-35pF	52.00
5619*			10 MegOhm	14 pF		10x 500 V		75.00
5620	x10	1.5	10 MegOhm	13pF	250 MHz	500 V	10-35pF	47.00

\*Model 5619 has Readout Actuator option.

Contact factory to order replacement parts.

### 250 MHz Repairable Oscilloscope Probes

Any failed part can be replaced in seconds. Parts screw together so no soldering is required.

#### FEATURES:

- Use with any Scope
- X1,X10 attenuation and switchable X1, X10
- For Scopes up to 250 MHz
- Ultra flexible cable for handling eases
- Durable, Longer Lasting



MODEL	Attn	Cable Length	Input Impedance		BW	Max Input V	Compensation Range	LIST
5586	x1	1.2	1 MegOhm	45 pF	30 MHz	600 V		39.00
5587	x10	1.2	10 MegOhm	16 pF	250 MHz	600 V	10-60 pF	62.00
5590*	x10	1.2	10 MegOhm	16 pF	250 MHz	600 V	10-60 pF	68.00
5707	x10	2.0	10 MegOhm	25 pF	250 MHz	600 V	10-60 pF	68.00
5588	x1, x10 Switchable	1.2	x1 x10 Same as 10 Scope	x1 x10 40 18	x1 - x10 10 250	600 V	10-60 pF	72.00
5709*	x10	2.0	10 MegOhm	25 pF	250 MHz	600 V	10-60 pF	74.00
5708*	x1-x10 Switchable	2.0	x1 x10 Same as 10 Scope	x1 x10 70 19	x1 - x1 5 100	600 V	10-60 pF	78.00

\*Activates readout on scopes with readout feature (automatic scale factor).

Contact factory to order replacement parts.

# POMONA

## STATIC CONTROL PRODUCTS

This group of static control products features interchangeable components and provides a complete grounding system.

Other products which will expand the versatility of this system include:  
 Large Test Clip, Model 5059  
 Alligator Clip, Model 2240  
 Pin Tip Adapter, Model 1432  
 Minigrabber® Test Clip, Model 4723

### STATIC CONTROL WRIST BAND

These metal expansion bands are Speidel watch bands with a patented design to prevent pinching. Fully insulated on all outer surfaces to protect wearer against electrical hazards. Available in three sizes.

**MATERIAL:** Stainless steel.

**INSULATION:** Black polyester film.



MODEL	Sizes	Circumference Min.	Max.
5528	Large	7.25	13.0
5529	Medium	6.50	12.0
5530	Small	5.50	10.0

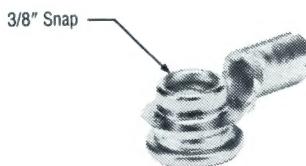
LIST 16.95

### STACKING SNAP BANANA JACK

Attach this jack to either 3/8" snap stud (male) or 3/8" snap socket (female). It also allows multiple attachment to the same grounding point.

**MATERIAL:** High conductivity copper.

**FINISH:** Tin plated.

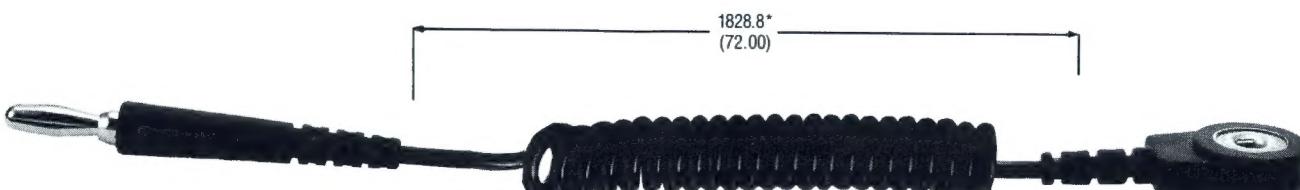


MODEL
5532

LIST 2.25

### STATIC CONTROL GROUND CORD

This patch cord features a molded-in 1 Megohm, 1/4 Watt, Carbon film resistor.



\*Retracted length: 304.8mm (12.00)

**1ST END:** Banana Plug. Nickel plated brass body, beryllium copper spring. PVC insulation.

MODEL
5534

**WIRE:** Coiled tinsel cord, 2 bundles, 7 strands, silver vinyl jacket, 2.54 mm (.100) O.D. Color: Black  
**2ND END:** 1/8" Snap. Nickel plated brass. Kraton insulation.

LIST 12.95

# POMONA

## ORDERING INFORMATION

### WIRE AND CABLE LENGTHS:

Patch cord, cable assemblies and lead lengths of the same model number may be aggregated for quantity discounts. Lengths other than those listed can be ordered as custom products through your local factory representative.

### GENERAL:

All items that are not specifically listed in the catalog are custom products. This includes lengths and colors not listed in the catalog. If you need any assistance, please call the Sales Representative listed on the back cover or you may call Pomona Electronics directly at (714) 623-3463 and ask for an Applications Engineer. You may also mail your request to the Sales Representative or the factory using the address found on the back cover.

### SPECIAL CONFIGURATIONS:

ITT Pomona Electronics manufactures thousands of custom products each year to meet the particular needs of our customers. We will be happy to custom mold products with your logo. Not finding your particular electronic accessory needs in our catalog doesn't mean that we haven't already made it. Even if it is brand new, we will be happy to quote to your design.

ITT Pomona Electronics manufactures the finest quality product available to the marketplace. However, these products are intended to be used in accordance with the specifications described in this catalog. Any use or application that deviates from the stated operating specifications is not recommended and may be unsafe.

A limited warranty applies to ITT Pomona Electronics products. Except for obligations specifically assumed by ITT Pomona Electronics under warranty, ITT Pomona Electronics will not be liable for any loss, damage, cost or repairs, incidental or consequential damages of any kind whether or not based upon expressed or implied warranty, contract, negligence, or strict liability arising in connection with the design, manufacture, sale, use or repair of the products.

All specifications are subject to change without notice.

### METHOD OF PAYMENT:

#### In Advance

Persons or organizations making their initial purchase from us should include payment with their order (check or money order only). Any individual making a purchase from us should always include payment or credit card number as we cannot open accounts or ship C.O.D.'s to individuals. All cash in advance orders will be shipped freight prepaid.

#### C.O.D.

We will be happy to accommodate shipping your order C.O.D. by any method you request. Unfortunately, we are unable to ship C.O.D. to an individual under any circumstances; only to legitimate businesses. Phone number of firm is required before any shipment can be made. All C.O.D. charges incurred will be added to your order.

#### Open Account

To establish an open account we require a good credit rating and applicable bank references. A new account can usually be established within 48 hours. When placing your order please include: purchase order number, shipping/billing addresses, phone number and name of person placing order.

#### Credit Card

We accept VISA. When placing your order, please furnish card number, expiration date and your telephone. Call (714) 623-3463 and your order will be shipped immediately. A service charge will be applied. The minimum order does not apply.

### TERMS:

Items listed in this catalog are available from your local distributor. Contact Sales Rep on back cover for a list of Distributors. Freight F.O.B. factory, 1% 10 days, Net 30 days from invoice date, upon approval of credit. Orders directly from factory must total \$150. Custom parts must be quoted and are subject to \$500 per item. ITT Pomona is a division of the Electro-Mechanical Component group of ITT. Other divisions supplying high quality electronic products include the following:

**ITT Cannon Santa Ana California (714) 557-4700 Products:** Commercial & Military Connectors **Components Santa Ana, California (714) 261-5300 Products:** Commercial Connectors **Phoenix Arizona (602) 275-4792 Products:** RF Connectors, Cable Assemblies **Canada (416) 668-8881 Products:** Connectors **Germany 49 (7151) 699-0 Products:** Telecommunications **France 33 (84) 72 81 12 Products:** D Subminiature Connectors **Italy 39 (2) 83371 Products:** Connectors, Switches, Relays **Japan 81 (45) 932 8841 Products:** Connectors **Basingstoke England 44 (256) 473171 Products:** Circular, Rack and Panel and Microminiature Connectors **St. Helens England 44 (744) 451600 Products:** Connectors

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## Specials

*Private labeling and color matches to customer's product extends the quality image, while your name is safe because of Pomona quality.*



*Custom configurations and colors.*

*Custom colors of standard products.*

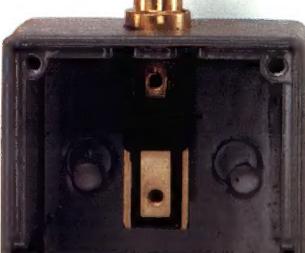


*Identify value-added test accessories for extended image when supplied with instrumentation or test equipment.*



*Electronic circuitry components can be positioned in-line on test lead assemblies for multi-purpose, multi-use functions.*

*Among Pomona's leading assortment of drawn or extruded boxes, special interconnections are provided, including fully-insulated plug/jack assemblies.*



## Our Standards Of Quality Extend Into Our Specials

As these few examples illustrate, Pomona has responded to a wide range of special or custom requirements, providing test accessories tailored to specific needs. Typically, a low-cost practical solution has provided our customers with a dependable product, without need of special tooling, in a minimum time.

Nonetheless, Pomona's quality is assured. From the simplest modification of a standard catalog product, to a unique assembly or design, only the finest quality materials are used. And, because Pomona offers so many years of experience in solving testing problems, you can rely on prompt response to your requirements.

A Pomona Factory representative will be pleased to review your needs with you, or you are invited to contact us direct.

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*Combinations of coaxial connector/adapter assemblies can include strain relief sheathing, color-coding, use of special wire, marking and special lengths.*

# POMONA

## Domestic U.S. Representatives

**40 Gerber Sales Corporation**

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(617) 229-1150  
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**42 D.F. Tobias & Co.**

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FAX: (201) 209-7255  
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**47 Braden & Associates**

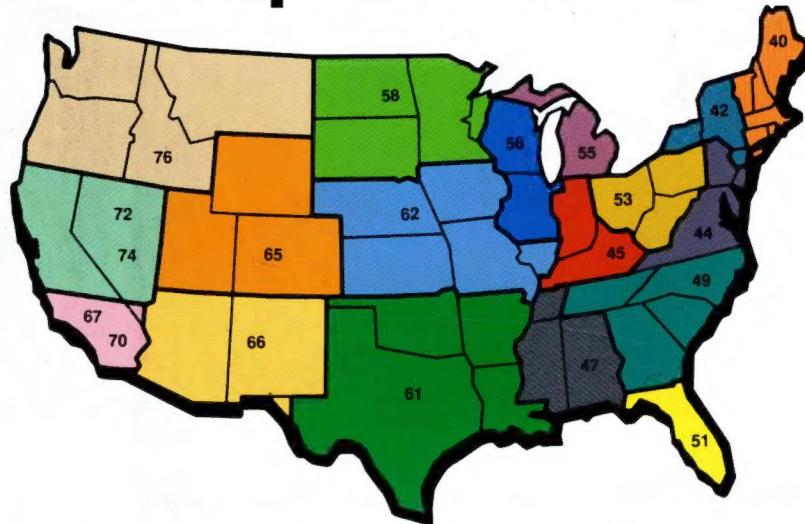
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